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RESULT 1555
E32450
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AUTHORS
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KEYWORDS
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ORGANISM
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ACCESSION
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AR138203
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 Query Match
Best Local S
Matches 16
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TITLE
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Best Local Similarity 94.1%;
Matches 16; Conservative
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OS Artif:
OS Artif:
PN JP 200
PD 08-FEE
PF 23-JUI
PF 23-JUI
PC C12N1:
CC12N1:
PC C12N2:
PC C12N2:
PC C12N2:
PC C12N2:
PC C12N3:
PC C12N3:
PC C12N3:
PC C12N3:
PC C12N5:
PC PT Prime:
                                                                                                                                                                                                                                                                                                                                                            artificial sequences.

1 (bases 1 to 18)

1 (bases 1 to 18)

3 yun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein

Patent: JP 2000037190-A 10 08-FEB-2000;
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Sheppard, P.O. and Humes, J.M.
Adipocyte-specific protein homologs
Patent: US 6197930-A 18 06-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    synthetic construct synthetic construct
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AR138203
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                 Similarity
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0.2%;
ilarity 94.1%;
Conservative
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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JP 2000037190-A/10
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                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
                                                                                                                        Location/Qualifiers
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Score 15.4; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 1
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Pred. No. 1.2e+03;
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
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                                                                                                                   Jun, N., Yusuke, N. and Toshihiro, T.
Mammal-derived tissue specific physiologically
Patent: JP 2000037190-A 13 08-FEB-2000;
JAPAN TOBACCO INC
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synthetic construct
synthetic construct
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Mammal-derived tissue specific physiologically active protein Patent: JP 2000037190-A 12 08-FEB-2000;
JAPAN TOBACCO INC
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C12N15/02,
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1 (bases 1 to 18)
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JP 2000037190-A/12.
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Mammal-derived tissue specific |
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Similarity 94.1%;
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              JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
C12N15/09,C07K14/47,C07K16/18,C12N1/19,C12N1/21,C12N5/10,
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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JP 2000037190-A/12
08-FEB-2000
                                                                                     Artificial Sequence
JP 2000037190-A/13
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C12N15/00,
                                                           23-JUL-1998 JP 1998225228
                                                                           08-FEB-2000
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Location/Qualifiers
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/db_xref="taxon:32630"
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Pred. No. 1.2e+03;
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physiologically active protein.
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 SOURCE
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                                                                     RESULT 1559
AR255764
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E32455
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Best Local
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                              source
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Sequence
AR255764
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1 (bases 1 to 18)

1 (bases 1 to 18)

10un,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein Patent: JP 2000037190-A 15 08-FEB-2000;
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Unknown
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JP 2000037190-A/15
08-FEB-2000
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Location/Qualifiers
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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larity 94.1%;
Conservative
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                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                         GI:27304883
                                              from patent US 6482612.
                                                                                                                                                                                    94.1%;
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Pred. No. 1.2e
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Pred. No. 1.2e
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BD074792
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AR258321/c
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Sequence 48
AR258321
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Sheppard, P.O. and Humes, J.M.
Adipocyte-specific protein homologs
Patent: US 6482612-A 18 19-NOV-2002;
Location/Qualifiers
                                                                                                                      Sheppard, P.O. and Humes, J.M.
Homolog of protein specific to adipocyte
Patent: JP 2001513998-A 11 11-SEP-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
synthetic construct synthetic construct
                                                                                                                                                                                                                   BD074792.1 GI:22620395
JP 2001513998-A/11.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 18)
Wisnewski, N., Bech
                                                                                                              ZYMOGENETICS
                                                                                                                                                                artificial sequences.
1 (bases 1 to 18)
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          26-AUG-1998 JP 2000507800
26-AUG-1997 US 60/056983
PAUL O SHEPPARD, JACQUELINE M HUMES
C12N15/09, A61K38/17, A61K39/395, A61K45/00, A61P3/00, A61P29/00, A61P43/00,
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                                                                                   Artificial Sequence JP 2001513998-A/11
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C07K14/47,C07K16/18,C12P21/02,C12Q1/68//C12P21/08,C12N15/00,
                                                                         1-SEP-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic |
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Pred. No. 1.2e+03
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                                                                                                                                                                                                                                                                                                                                    artificial sequences.

CE 1 (bases 1 to 18)

RS Adessi,C., Kawashima,E., Mayer,P., Mermod,J.J. and Turcatti,G.

Methods of nucleic acid amplification and sequencing

AL APPLIED RESEARCH SYSTEMS ARS HOLDING NV

OS Artificial Sequence

PN JP 2002525125-A/19

PD 13-AUG-2002

PF 30-SEP-1999 JP 2000572404

PF 30-SEP-1999 EP 98307985.6

PI CELINE ADESSI,ERIC KAWASHIMA, PASCAL MAYER, JEAN JACQUES MERMOD,

PI GERARDO TURCATTI

PC C01N31/50, C12N11/02, C12N11/14, C12Q1/68, G01N33/53, G01N33/566,

PC G01N37/00, G01N37/00, C12N15/00

PC G01N37/00, G01N37/00, C12N15/00

CC Description of Artificial Sequence'.

FT source

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l Similarity 94.1%;
l6; Conservative
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                         GI:5942946
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Pred. No. 1.2e+03;
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AR044951
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1 (bases 1 to 19)
Kleyn, P.W. and Moore, K.J.
Methods for detecting mammalian tub protein
Patent: US 5871931-A 39 16-FEB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 19)

1 (bases 1 to 19)

Kleyn, P.W., Moore, K.J. and Kapeller, R. Methods for identifying compounds that protein activity

Patent: US 5861239-A 39 19-JAN-1999;
                                                                                                                   I (bases 1 to 19)
Kleyn,P.W. and Moore,K.J.
Mammalian tub protein
Patent: US 5817762-A 39 06-OCT-1998;
Location/Qualifiers
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94.1%; Pred. No. 1.
                                   0.2%; Score 15.4; DB 1; 94.1%; Pred. No. 1.3e+03; tive 0; Mismatches 1;
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                                                                                                                                                                                                   5795 CCTGCCTGCCTGCCTGT 5811
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Unknown.
Unclassified.
1 (bases 1 to 19)
1 (bases 1 to 19)
Kleyn, P.W. and Moore, K.J.
Screening methods for compounds useful for the treatment of body
                                                                                                     AR374446
Sequence
AR374446
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Sequence
AR103692
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152237
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Brooks-Wilson,A.R., Buckler,A., Cardor
Miller,A. and North,M.
Asthma related genes
Patent: US 6087485-A 216 11-JUL-2000;
Location/Qualifiers
                                                                                                                                                                                                                                l Similarity
16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown.
Unknown.
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Kleyn, P.W. and Moore, K.J.
Mammalian tub gene
                                                                                           AR374446.1
                                                                                                                                                                                                                                                                                                                       Patent: US 5646040-A 39 08-JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                             Unknown.
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                                                                     Unknown.
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                                                                                                                                                                                                                               larity 94.1%;
Conservative
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Conservative
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                                                                                                                                                                                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                         Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                                                               GI:2473438
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                                                                                                                from patent US
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Pred. No. 1.3e+03;
0; Mismatches 1;
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Pred. No. 1.3e+03;
0; Mismatches 1
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US 5646040.
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                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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AX130090
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AR382604
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Best Local S
Matches 16
                       Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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 6941 TTGGGCATCCAAGAAAG 6957
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AR382604
AR382604.1
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                                                                                                                                                                                           Robbins, J.M. and Tritz, R.
Ribozyme therapy for the treatment of proliferative
                                                                                                                                                                                                                                                                                               Sequence 1308 from Patent AX130090 AX130090.1 GI:14136395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 19)
Yamamoto,A., Tuchiya,K., Iwata,A. and
Feline granulocyte colony-stimulating
Patent: US 6610515-A 26 26-AUG-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unknown.
Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  weight disorders, including obesity Patent: US 6605437-A 39 12-AUG-2003;
                                                                                                                                                                                                                                                        Homo sapiens
                                                                                                                                                       Patent: WO 0130362-A 1308 03-MAY-2001; IMMUSOL, INC. (US)
                                                                                                                                                                                 diseases
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                    AX130090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
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                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="genomic DNA"
                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                         Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="unknown"
/mol_type="genomic DNA"
                                                                          /note="Cdk-we-hu ribozyme binding site"
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94.1%;
                                   0.2%; Score 15.4; DB 1; 94.1%; Pred. No. 1.3e+03;
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Pred. No. 1.3e
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Pred. No. 1.3e
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RESULT 1572
BD129922
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AUTHORS
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AX353516
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ACCESSION
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Query Match
Best Local Similarity
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Matches 16; Conserv
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                                                                                               source
                                                                                                                       Asthma-associated gene
Patent: JP 2002500895-A 212 15-JAN-2002;
AXYS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002500895-A/212
PD 15-JAN-2002
PF 21-JAN-1998 JP 2000528715
PF 21-JAN-1998 JP 2000528715
PF ANGELA R BROOKS WILSON, ALAN BUCKLER, LON
CARDON, ALISOUN H CAREY,
PI MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH
PC C1201/68, AOIK67/027, C07K14/47, C12N15/09, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Asthma-associated gene
PH Key Location/Qualifiers
FT source //cyanism='Unidentified'.
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Sequence 48
AX353516
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Patent: WO 0204636-A 48 17-JAN-2002;
Vlaams Interuniversitair Instituut voor Biotechnologie vzw.
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JP 2002500895-A/212.
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                                                                                                                                                                                                                                                                                                                                                                                                Wilson, A.R.B., Buckler, A., Miller, A. and North, M.
                                                                                                                                                                                                                                                                                                                                                                                                                               unclassified.
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unidentified
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llarity 94.1%;
Conservative
                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
                                                                                                          /organism='Unidentified'
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Pred. No. 1.3e+03;
 Score 15.4; DB 1;
Pred. No. 1.3e+03;
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SEGMENT
SOURCE
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KEYWORDS
SOURCE
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AR086111
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DOGP636A01
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1 (bases 1 to 20)

Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.

One hundred and one new simple sequence repeat-based markers for
Unclassified.

1 (bases 1 to 20)

Kambara,H. and Okano,K.

DNA sequencing method and DNA sample preparation method Patent: US 5985556-A 5 16-NOV-1999;
                                                                                                                                  AR086111
Sequence 5 from
AR086111
                                                                                                                                                                                                                                                                                                16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Fred Hutchinson Cancer Research
Transplantation Biology Dept
1124 Columbia, Mailstop M318
Seattle, WA 98104, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Original source text: Canis familiaris (library: pBluescript+) adult spleen DNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          the canine genome
Mamm. Genome 6 (3), 192-195 (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Canis familiaris (dog)
Canis familiaris
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L27189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00 minute
Annealing: 55 or 59 degrees C for 0.45 minutes
Polymerization: 74 degrees C for 1.00 minutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Submitted by:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PCR identification; PCR
                                                                           Unknown
                                                                                       Unknown.
                                                                                                                    AR086111.1
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PCR Cycles:
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Similarity 94.1%;
l6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  eostrand@fred.fhcrc.org
                                                                                                                                                                                                                                                                                                                                                        /tissue_lib="E. Ostrander, 1. .20
                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/db_xref="taxon:9615"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ension: 74 degrees C for 5.00 minutes.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                    tissue_type="spleen"
dev_stage="adult"
                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Canis familiaris"
                                                                                                                      GI:10012877
                                                                                                                                                patent
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Pred. No. 1.5e+03;
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5985556.
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Canis.
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AR130110
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AUTHORS
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Popoff,I., Brown-Driver,V.L. and Cowsert,L.M.
Popoff,I., Brown-Driver,V.L. and Cowsert,L.M.
Antisense inhibition of e2f transcription factor 1 expression Patent: US 6187587-A 13 13-FEB-2001;
Location/Qualifiers
                                                                                                                                                                                                             1 (bases 1 to 20)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G.
Kincaid, R.H.
                                                                                                                                                                                                                                                           Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13
AR130110
                                                                                                                                                                                      Method for evaluating oligonucleotide probe Patent: US 6251588-A 728 26-JUN-2001;
                                                                                                                                                                                                                                                                      Unknown.
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ilarity 94.1%;
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                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                           Score 15.4; DB 1;
Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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AR159108
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AR159109
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Sequence 729
AR159107
AR159107.1
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Sequence 731 from patent
AR159109
                                                                                                                                                                                                                                                                                                                                       Method for evaluating oligonucleotide probe Patent: US 6251588-A 730 26-JUN-2001; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown
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Sequence 730 from patent
AR159108
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
Method for evaluating oligonuclectide probe Patent: US 6251588-A 731 26-JUN-2001; Location/Qualifiers
                                          1 (bases 1 to 20)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
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                                    Kincaid, R.H.
                                                                     Unclassified.
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/mol_type="unassigned DNA"
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Pred. No. 1.5e+03;
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                                               Webb, P.G.
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Matches 16; Conserv
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Oligonucleotide.
E13189
E13189.1 GI:3251994
JP 1997140400-A/3.
                                                                                                                                                                                                                                                                                                                            Sequence 46 from patent US
AR215731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 20)
Okano, K. and Kanbara, H.
DETERMINATION OF BASE SEQUENCE
Patent: JP 1997140400-A 3 03-UT
HITACHI LTD
                           1 (bases 1 to 20)
Bennett, C.F. and Watt, A.T.
Antisense modulation of tumor necrosis
Patent: US 6410324-A 46 25-JUN-2002;
                                                                             Unknown
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JP 1997140400-A/3
03-JUN-1997
13-SEP-1996 JP 1996242929
18-SEP-1995 JP 95P 238141
OKANO KAZUNOBU, KANBARA HIDEKI
C12Q1/68,G01N27/447,G01N33/58//C12N15/09;
strandedness: Single;
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                                                                                                                                                                                                                                                                                                              /organism='Artificial sequences'.
                  Location/Qualifiers
                                                                                                                                                                                                                                                                       /organism="unidentified"
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                                                                                                            GI:23313987
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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6410324.
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AR224718/c
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Bennett, C.F. and Freier, S.M.
Antisense modulation of glioma-associated
Patent: US 6440739-A 23 27-AUG-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                 and Gao, B.
                                                                                                                                                                                                                                                                                                                Unknown
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Lerman, M.I., Latif, F., Wei, M.-H., Duh, F.-M., Minna, J.D.,
                                                                                                                                                                                                                                                                                                     Unclassified
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 1.5e
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Pred. No. 1.5e+03;
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AR241108/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

Concannon, P.J., Vissinga, C.S., Cerosaletti, K.M., Varon-Mateeva, R., Sperling, K. and Reis, A.W.S.

Gene associated with Nijmegen breakage syndrome, it's gene product and methods for their use patent: US 6458534-A 39 01-OCT-2002;

Location/Qualifiers
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AR241108
                                    1 (bases 1 to 20)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a disequilibrium map of the human genome Patent: US 6537751-A 6348 25-MAR-2003; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 20) Watt, A.T.
                                                                                                                            Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                       Antisense modulation of bifunctional apoptosis regulator expression Patent: US 6468796-A 79 22-OCT-2002;
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larity 94.1%;
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/mol_type="genomic |
/organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR432377/c
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Sequence 22
AR337687
AR337687.1
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Sequence
AR432377
                                                                                                                                                                                1 (bases 1 to 20)
Avery,A.C. and Burnett,R.
PCR materials and methods useful to
lymphoid malignancies
Patent: US 6596492-A 8 22-JUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wright, J.A., Young, A.H. and Lee, Y.S.
Oligonucleotide sequences complementary to thioredoxin or
thioredoxin reductase genes and methods of using same to modulate
                                                                                                                                                                                                                                                       Unknown
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                   AR432377
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          177
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/mol_type="genomic DNA"
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from patent US 6566514.
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                                                                                                                                                    _type="genomic DNA"
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AX282513/c
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Mutant er g(a) and test systems for transactivation
Patent: WO 0142307-A 64 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
Location/Qualifiers
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Dean,N.M., Marcusson,E.G. and Wyatt,J.
Antisense modulation of Fas mediated signaling
Patent: US 6653133-A 177 25-NOV-2003;
Location/Qualifiers
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Sequence 5 from Patent W00162977.
AX282513
AX282513.1 GI:16609643
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                        Boyd,C.D., Csiszar,K., Lesaux,O., Urban,Z. Methods and composition for diagnosing and elasticum and related conditions Patent: WO 0162977-A 5 30-AUG-2001; Pxe international Inc. (US); UNIVERSITY OF Location/Qualifiers
                                                                                                                                     synthetic construct synthetic construct
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
organism="synthetic construct"/
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                                                                                                                                   Edinger, S., Macdougall, J.R., Millet, I., Ellerman, K., Stone, D.J., Gerlach, V., Grosse, W.M., Alsobrook, J.P., Lepley, D.M., Rieger, D., Burgess, C.E., Casman, S.J., Spytek, K.A., Boldog, F.L., Li, L., Padigaru, M., Mishra, V., Patturajan, M., Shenoy, S., Rastelli, L., Tchernev, V.T., Vernet, C.A., Zerhusen, B.D., Malyankar, U.M., Guo, Y. Miller, C.E. and Gangolli, E.A.

Proteins and nucleic acids encoding same Patent: WO 02057450-A 129 25-UUL-2002; Curagen Corporation (US)
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Sequence 129 from Patent
AX686573
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/db_xref="taxon:32630"
                                                          organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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                                             note="chemically synthesized"
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Pred. No. 1.5e+03;
Score 15.4; DB 1;
Pred. No. 1.5e+03;
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VERSION KEYWORDS

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RESULT 1594
AX716712/c
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BD131960/c
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Matches 16
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Oligonucleotide sequence complementary to thioredoxin gene or thioredoxin reductase gene and utilization thereof for controlling Patent: JP 2002501743-A 22 22-JAN-2002;
GENESENSE TECHNOLOGIES INC
OS Homo saptens (human)
PN JP 2002501743-A/22
PD 22-JAN-2002
PP 29-JAN-1999 JP 2000529423
PF 29-JAN-1999 JP 2000529423
PF 29-JAN-1998 US 60/073196
PI JIM A WRIGHT, AIPING H YOUNG, YOON S LEE
PI JIM A WRIGHT, AIPING H YOUNG, YOON S LEE
PC (AGIK31/711, AGIK48/00, AGIK95/00, AGIP35/04, C07H21/04//
PC (AGIK31/711, AGIK45:00), (AGIK48/00, AGIK45:00), C12N15/00 CC
Oligonucleotide sequence complementary to thioredoxin gene or CC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
I (bases 1 to 20)
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BD131960.1 GI:23226905
JP 2002501743-A/22.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
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                                                                                                  reductase gene and utilization thereof for controlling cell
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                             proliferation
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  /organism='Homo sapiens (human)'.
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Pred. No. 1.5e+03;
0; Mismatches 1
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Best Local S
Matches 16
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Best Local Similarity
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PN JP 2002320481-A/33
PD 05-NOV-2002
PF 26-APR-2001 JP 2001129210
PI TETSUYA ISHIZUKA, KIYOSHI YASUKAWA, TAKAHIKO ISHIGURO PC C12N15/09, C12Q1/68, G01N21/78, G01N33/53, G01N33/566, G01N33/58, C12N15/00
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                         Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H. Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., and Soeda,E.
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synthetic construct
artificial sequences.

1 (bases 1 to 20)

2 (bases 1 to 20)

3 (bases 1 to 20)

3 (bases 1 to 20)

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BAC-based STS-content map spanning a 35-Mb region of human
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 1.5e+03;
0; Mismatches 1
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Pred. No. 1.5e+03;
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AR139666
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AR036380
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16; Conserv
l (bases 1 to 21)
Cantor, C.R. and Sano, T.
Methods for the use of reduced affinity streptavidin
Patent: US 6207390-A 4 27-MAR-2001;
Location/Qualifiers
                                                                                                                             Sequence 4 from AR139666
                                                                                                                                                                                                                                                                    l Similarity
16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (F-mail:hori@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Genomics 74 (1), 55-70
21269192
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                                                               Unclassified
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pl,E.T.
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llarity 94.1%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="forward primer for human STS sts-stSG15206 sts-stSG15206 obtained from clones B5407, B14F12, Human BAC library RPCI-11"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.6e+03;
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Pred. No. 1.5e+03;
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TOSHIHIKO HIBINO
PC C1201/68,G011
CC Strandedness
CC Topology: Liz
FH Key
FT Source
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Masashi,O., Jun,S., Tadahito,T., Tsutomu,S.,

Novel method for screening physiologically a

Patent: JP 1999000199-A 1 06-JAN-1999;

SHISEIDO CO LTD
                                                                                                                                                    Sequence
172128
                       Single-stranded circular oligonucleotides triplex with a target sequence Patent: US 5683874-A 43 04-NOV-1997;
                                                            1 (bases 1 to 21)
Kool, E.T.
                                                                                                   Unknown
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                                                                                                                 Unknown
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JP 199900199-A/1
06-JAN-1999
09-JUN-1997 JP 1997164872
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                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                              Topology: Linear;
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                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                           /organism='Unidentified'
           Location/Qualifiers
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/mol_type="unassigned
                                                                                                                                        GI:3008267
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PAT 18-JUN-2001

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RESULT 1604
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AR299404/c
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Best Local S
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Best Local Similarity 94.1%;
Matches 16; Conservative
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                                                                        6183 GAGTGATGAGAAGAGAA 6199
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Sequence 11139 :
AR299404
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 11139 25-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           l (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 9992 25-MAR-2003;
Location/Qualifiers
 AR316755
                                                                                                                                                                                                                                                                       Unknown.
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Sequence 9992 from pate
AR298257
AR298257.1 GI:31685541
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                                                                                                     Similarity 94.1
16; Conservative
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/mol_type="genomic"
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/mol_type="genomic
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/mol_type="unassigne
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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AR316761/c
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Matches 16; Conserv
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AR316755
AR316755.1
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Single nucleotide polymorphisms in genes Patent: WO 0118250-A 1261 15-MAR-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Pharmaceuticals, Inc. (US)
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AR316761
                                                                                                                                                                              Sequence 1261 from Patent AX096083
                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 21)
Rossi,J.J., Scherr,M. and Riggs,A.D.
Method for identifying accessible binding
Patent: US 6562570-A 29 13-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown
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RossiJ.J., Scherr,M. and Riggs,A.D.
Method for identifying accessible binding
Patent: US 6562570-A 23 13-MAY-2003;
                                                               Lander, E.S., Gargill, M., Ireland, J.S., Mccarthy, J.J.
                                                                                                                             Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                         Homo sapiens (human)
                                                                                                                                                                   AX096083.1
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                                                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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RESULT 1607
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Sequence 29
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 ch 0.2%;
1 Similarity 94.1%;
16; Conservative
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Patent: WO 0134840-A 276 17-MAY-2001;
GLAXO GROUP LIMITED (GB); Affymetrix, Inc. Location/Qualifiers
                                                                                                                                      Gene called aladin, involved in allgrove syndrome, product and their applications Patent: WO 0218640-A 29 07-MAR-2002; INSERM (E.P.S.T.) [FR)
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Sequence 276 from Patent
AX146085
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                                                                                                                                                                                                                                  artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="'n' represents a polymorphic base"
                                                                   /mol_type="unassigned
/db_xref="taxon:32630"
                                                       note="primer"
                                                                               organism="synthetic construct"

/mol_type="unassigned DNA"
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Pred. No. 1.6e+03;
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Voorberg, J.J., Van, M.J. and Mertens, K. METHOD AND MEANS FOR DETECTING AND TREAT:
COAGULATION CASCADE
Patent: WO 9529259-A 33 02-NOV-1995;
STICHTING CENTRAAL LAB (NL)
Other publication AU 2319495 951116.
Location/Qualifiers
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Sequence 33 from Patent W09529259
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STICHTING CENTRAAL LAB (NL)
Other publication AU 2319495 951116.
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Voorberg, J. J., Van, M. J. and Mertens, K.

METHOD AND MEANS FOR DETECTING AND TREATING
COAGULATION CASCADE
COAGULATION CASCADE
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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AR066394
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Hayden, V. Lin, B. and Nasir, J.
Mouse model for Huntington's Disease and
Patent: US 5849995-A 18 15-DEC-1998;
                                   coagulation cascade
Patent: US 6083905-A 2 04-JUL-2000;
Location/Qualifiers
                                                                   Unclassified.

1 (bases 1 to 22)

Voorberg, J. Jacobus., van Mourik, J. Aart.
Method and means for detecting and treat
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Bradshaw, M. Suzanne., Bollekens, J.A. and
Yeast-bacteria shuttle vector
Patent: US 5866404-A 5 02-FEB-1999;
                                                                                                                    Unknown
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 44
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AX241206.1
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Sequence 5 :
AR147376
AR147376.1
 Sequence
AX278444
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                                                                                                                                                                                                                          Roemer,T., Jiang,B., Boone,C. and Bussey,
Gene disruption methodologies for drug ta
Patent: WO 0160975-A 444 23-AUG-2001;
Elitra Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Bradshaw,M.Suzanne., Bollekens,J.A.
Yeast-bacteria shuttle vector
Patent: US 6221588-A 5 24-APR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
artificial sequences.
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                      AX278444
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                                                                                                                                                                                                                                                                                                                                                               444 from Patent WO0160975.
            5<u>4</u>
                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                      /note="DNA primer"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
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          22 bp
Patent WO0177333
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Pred. No. 1.7e
0; Mismatches
                                                                                                                          Score 15.4; DB 1;
Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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AX487706/c
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AX394106/c
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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Sequence 81 from Patent W00214366.
                                                                                                                                        Sequence 5006 from Patent AX487706 AX487706.1 GI:22321786
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Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5006 11-JUL-2002;
                                                         Eukaryota; Fungi; Ascomycota; Saccharomycetales; mitosporic
                                                                                           Candida albicans
                                                                                                           Candida albicans
                                                                                                                                                                                       AX487706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Groot, P.C., van Bergenhenegouwen, B.J. and van Oosterhout, A.J. Genes involved in immune related responses observed with asthma Patent: WO 0214366-A 81 21-FEB-2002; Universiteit Utrecht (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct synthetic construct
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Location/Qualifiers
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Arabidopsis thaliana
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/mol_type="unassigned DNA"
/db_xref="taxon:3702"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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BD177747
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AX703334/c
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artificial sequences.

1 (bases 1 to 22)

Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.

A method for snp typing

Patent: JP 2002300894-A 37 15-OCT-2002;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH

OS Artificial Sequence
PN JP 2002300894-A/37

PD 15-OCT-2002

PD 15-OCT-2002

PT 29-JAN-2002 JP 2002019752

PT YUSUKE NAKAMURA,TOSHIHIRO TANAKA,YOZO ONISHI,KOICHI OZAKI, PI
AKIRA YAMADA

PC C12N15/09,C12Q1/68,C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                     5425 CAAGAGAATCAGCTTTG 5441
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                                                                                                                                                                                                                 synthetic construct synthetic construct
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Location/Qualifiers
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synthetic construct
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Location/Qualifiers
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Similarity 94.1%;
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/db_xref="taxon:5476"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="PCR Primer Sequence"
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mol_type="unassigned DNA"
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Pred. No. 1.7e+03;
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                                                                                                                                                                                                                                                                                                                                               Nakamura, Y., Tanaka, T., Onishi, Y., Ozaki, K. and Ya A method for snp typing Patent: JP 2002300894-A 39 15-OCT-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH OS Artificial Sequence PN JP 2002300894-A/39
PD 15-OCT-2002
PF 29-JAN-2002 JP 2002019752
PF 29-JAN-2002 JP 2002019752
PF 29-JAN-2002 JP 2002019752
PF 29-JAN-2002 JP 2002019752
PF C12N15/09,C12Q1/68,C12N15/00
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: FT Source 1. 22
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1 (bases 1 to 23)
Sagner,G., Kessler,C., Blum,H. and Domdey,H.
Simultaneous sequencing of nucleic acids
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                         GI:3406965
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                                                                                                                                      Hoej P., Moeller, B.L. and Jones, P.R. Udp-glucose: aglycon-glucosyltransferase Patent: WO 0140491-A 5 07-JUN-2001; LUMINIS PTY, LIMITED (AU); ROYAL VETER)
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Sequence 5 from Patent WO0140491.
AX163856
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synthetic construct
artificial sequences.
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Aventis Research & Technology GmbH &
Location/Qualifiers
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Sequence 8 from Patent WO0071749.
AX052992
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                                                    /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                                                      A method for generating hypermutable organisms Patent: WO 0188192-A 4 22-NOV-2001;
The Johns Hopkins UNiversity School of Medicine (US); Morphotek Inc. (US); Nicolaides, Nicholas, C. (US); Sass, Philip, M. (US) Grasso, Luigi (US); Vogelstein, Bert (US)
                                                                                                                                                                                                                                                                  25 bp
Sequence 4 from Patent WO0188192
AX338548
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Patent: WO 0185961-A 20 15-NOV-2001;
PHARMACIA & UPJOHN COMPANY (US)
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Homo sapiens
Eukaryota, Metazoa; Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Pred. No. 1.8e+03;
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AR214918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The Johns Hopkins University School of Medicine (US); Morphotek Inc. (US); Nicolaides, Nicholas, C. (US); Sass, Philip, M. (US) Grasso, Luigi (US); Vogelstein, Bert (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A method for generating hypermutable organisms Patent: WO 0188192-A 3 22-NOV-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
                                                                                                                                                   DNA detection by means of a strand repatent: US 6410235-A 18 25-JUN-2002;
                                                                                                                                                                            1 (bases 1 to 27)
Weindel, K. and Brand, J.
                                                                                                                                                                                                    Unclassified.
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Recombinant DNA"
                                                                                                                                    Location/Qualifiers
                                                                                              /mol_type="genomic DNA"
                                                                                                           organism="unknown"
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Pred. No. 1.9e+03;
0; Mismatches 6;
                                              Score 15.4; DB 1;
Pred. No. 2.1e+03;
1; Mismatches 7
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30 bp DNA linear PAT 27-AUG-2002 Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method.
                                                                                                                                                                                                                                                                                           1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Kayama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method patent: US 6492121-A 8 10-DEC-2002;

Location/Qualifiers
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Sequence 8 from patent US
AR264924
AR264924.1 GI:29693311
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Mycobacterium tuberculosis
Bacteria, Actinobacteria, Actinobacteria, Actinomycetales,
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
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Sequence 18 from Paten
AX009609
AX009609.1 GI:9996841
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Location/Qualifiers
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                                                                                                                                                                                                                                                 /organism="unknown"
/mol_type="genomic |
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/mol_type="unassigned DNA"
/db_xref="taxon:1773"
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1 (bases 1 to 30)

Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,
Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used therefor,
and method for analyzing data obtained by that method
and method for analyzing data obtained by that
Patent: JP 2001286300-A 6 16-OCT-2001;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF
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1 (bases 1 to 30)
Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S.,
Yokomaku,T.
                         S R G F G S
                                                                                                                                                                     Novel quantitative polymorphism analysis method Patent: JP 2002000275-A 4 08-JAN-2002; JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, AC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct synthetic construct
KURATA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 I KAZUTAKA YAMADA,TOYOKAZU YOKOMAKU,OSAMU KOYAMA,KENTA FURUSHO
C C12Q1/68,C12M1/00,C12N15/09,G01N31/22,G01N33/53,G01N33/542, I
G01N33/566,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAAAAAAAACAAAAAAAAAAATAT 5
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                         RYUICHIRO KURANE, TAKAHIRO
                                                                                               Artificial Sequence JP 2002000275-A/4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              examining the decrease in fluorescence emission of a nucleic acid labeled with substitution of the soluby FL/C6 upon the hybridization of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The base sequence was prepared synthetically on the aim of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16-OCT-2001
20-APR-2000 JP 2000120097
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Artificial Sequence 
JP 2001286300-A/6
                                                                          08-JAN-200
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                                              27-JUN-2000 JP 2000193133
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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76.0%;
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                         KANEKAWA, YOICHI KAMAGATA,
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Best Local Similarity
Matches 19; Conserv
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00 CC
sequence was prepared synthetically on the aim of CC
examining the
CC decrease in flygger
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                                                                                                                                                                                                                                                                                                                                                                                                                             PI SHINYA KURATA,KAZUTAKA YAMADA,TOYOKAZU YOKOMAKU PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N1/28,G01N1/28,G01N33/ PC G01N33/56,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,PC G01N1/28,PC G01N1/28
PC G0
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Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method probe therefor, and method for analyzing data obtained by the method patent: JP 2002119291-A 8 23-APR-2002;
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30 bp DNA linear PAT 17-JAN-2003 Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method.
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JP 2002119291-A/8.
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                                                                                                                                                                                                                              decrease in fluorescence emission of a nucleic acid probe labeled with BODIBY FL/C6 hybridization of the probe with a target nucleic acid.

Key Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       27-APR-2001 JP 2001133529
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
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JP 2002119291-A/8
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                                                                                                                                 /organism='Artificial Location/Qualifiers
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 2.3e+03;
0; Mismatches 6;
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                        AX249132
Sequence 12:
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AX249132.1
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Yamada,K. and Yokomaku,T.
Novel nucleic acid probes, method for onucleic acid by using the probes, and to
obtained by the method
patent: JP 2002191372-A 8 09-JUL-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PH Probe
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                                                                                                                                                                                                                                                                                                                                                                                 l Similarity
19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEBRING CO LTD OS Artificial Sequence PN JP 2002191372-A/8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unidentified
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                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 15.4; DB 1; larity 76.0%; Pred. No. 2.3e+03; Conservative 0; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  09-JUL-2002
26-SEF-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    decrease in fluorescence emission of a nucleic acid probe
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                                                                                  1211 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                           GI:15863755
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Pred. No. 2.3e
0; Mismatches
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                                                                                     31 bp I
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AX516093/c
LOCUS
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AR222454
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Best Local Similarity
Matches 19; Conserv
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Best Local Similarity
Matches 19; Conserv
                                                                                              JOURNAL
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                                                                                                                                                                                                                         41 bp DNA Sequence 2291 from Patent WO02052044. AX516093 AX516093.1 GI:23563679
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Kurz,M., Lohse,P. and Wagner,R.

Reptide acceptor ligation methods

Patent: US 6429300-A 14 06-AUG-2002;

Location/Qualifiers
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Sequence 14 from patent US 6429300
AR222454
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Patent: WO 0166800-A 1211 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (human)
                                                                                            Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 2291 04-JUL-2002;
                                                                                                                                                    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini, Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                (JP)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
                                                                ocation/Qualifiers
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76.0%;
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Pred. No. 2.4e+03.
1; Mismatches
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Pred. No. 2.5e+03
0; Mismatches
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          RESULT 1640
AR429726
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AX517499/c
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AR183909
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Best Local Similarity
Matches 22; Conserv
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Best Local (
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Best Local Similarity
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Patent: US 6342376-A 2 29-JAN-2002;
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3697 from Patent AX517499
                                                                                                                                                                                                                                              1 (bases 1 to 17)
Kozian, D. and Reuner, B.
Two-color differential display as a
                                                                                                                                                                                                                                                                                                                                                         AR183909
Sequence 2 from patent US
AR183909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nakamura,Y., Sekine,A., Iida,A. and Saito,S. Detection of genetic polymorphisms Patent: WO 02052044-A 3697 04-JUL-2002;
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                                                                                                                                                                                                                                                                                                      Unknown
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Similarity 62.9%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 2.7e+03;
1; Mismatches 12;
                                                                                                                 Score 15.2; DB
Pred. No. 1.2e+
1; Mismatches
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Pred. No. 2.7e+03;
1; Mismatches 12;
                                                                                                                                                                                                                                                                                                                                                                     17 bp
6342376.
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WO02052044.
17
                                                                                                                           2; DB 1;
1.2e+03;
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PAT 18-DEC-2003
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l Similarity 85.0%;
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AR429726
AR429726.1 GI:40190064
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1 (bases 1 to 20)
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Kozian, D. and Reuner, B.
Two-color differential display as a
                    1 (bases 1 to 20)
Acton, S. Laurene.
Intronic and polymorphic SR-BI nucleic acids
Patent: US 5998141-A 61 07-DEC-1999;
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          Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Ackermann, B.J., Bennett, C.Frank., Dean, N.M. and Marcusson, B.G.
Antisense modulation of novel anti-apoptotic bcl-2-related pro
Patent: US 6001992-A 37 14-DEC-1999;
Location/Qualifiers
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Acton, S. Laurene.
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Location/Qualifiers
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Bruice, T.C. and Dev, A.P.
Bruice, T.C. and Dev, A.P.
Deoxynucleic alkyl thiourea compounds
Patent: US 6169176-A 2 02-JAN-2001;
Location/Qualifiers
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Uchida, K., Uchida, T., Tanaka, Y., Matsuda, Y. and Kondo, S.
Antisense nucleic acid compound targeted to VEGF
Patent: US 6150092-A 10 21-NOV-2000;
Location/Qualifiers
                                                                      Unclassified.

1 (bases 1 to 20)

Bennett, C. Frank. and Cowsert, L.M.

Antieense inhibition of protein kinase
Patent: US 6190869-A 70 20-FEB-2001;

Location/Qualifiers
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Sequence 70 from patent
AR130819
AR130819.1 GI:14119144
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AR159110
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AR149214/c
SOURCE
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Best Local Similarity 85.0%;
Matches 17; Conservative
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Sequence 61
AR149214
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Sequence
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
                                                                                                                                                                                                             Method for evaluating oligonucleotide
Patent: US 6251588-A 732 26-JUN-2001;
Location/Qualifiers
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Location/Qualifiers
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Acton, S.L. and Ord
Unknown
                   AR159111.1
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Human intronic and polymorphic SR-BI nucleic acids and uses
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RESULT 1652
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Matches 17; Conservative
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 l Similarity
17; Conserv
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AR159112
AR159112.1 GI:162
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
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Unclassified.
                                                                                                                                                                                                                               Sequence 736 from patent AR159114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Method for evaluating oligonucleotide probe Patent: US 6251588-A 734 26-JUN-2001;
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
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                                                                                                   Method for evaluating oligonucleotide probe Patent: US 6251588-A 736 26-JUN-2001;
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
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          Score 15.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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Antisense oligonucleotides for treating or preventing atop: diseases and neoplastic cell proliferation Patent: JP 2002518007-A 7 25-JUN-2002; RECHERCHES EXPERTISES ET DEVELOPPEMENT MEDICAUX PARENZ INC OS Artificial Sequence PN JP 2002518007-A/7 PD 25-JUN-2002 PP 17-JUN-1999 JP 2000554846
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Antisense oligonucleotides for treating or preventing
diseases and neoplastic cell proliferation.
BD241888
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Ackermann, E. J., Bennett, F. C., Dean, N.M. and Marcusson, E.G.

Ackermann, E. J., Bennett, F. C., Dean, N.M. and Marcusson, E.G.

Antisense modulation of novel anti-apoptosis BCL-2-associated

Patent: JP 2002534073-A 37 15-OCT-2002;

ISIS PHARMACEUTICALS INC
OS Artificial Sequence

OS Artificial Sequence

PN JP 2002534073-A/37
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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Description of Artificial Sequence: antisense sequence FH Key
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C12N15/09,A61K31/7105,A61K31/711,A61K31/712,A61K31/7125,A61K33/ PC
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07-JAN-1999 US 09/226568
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                         RESULT 1656
E07133/c
                                                                                                                                                                                                                                                  FEATURES
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BD250365/c
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TITLE
                                                                                                                                     Matches
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                  source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   source
                                                                                                                                                                                                                                                         AL PATENT: JP 2002541794-A 10 10-DEC-2002;

QUEEN MARY AND WESTFIELD COLLEGE

OS Artificial Sequence
PN JP 2002541794-A/10

PD 10-DEC-2002
PD 10-DEC-2002
PF 12-APR-2000 JP 2000611653
PF 12-APR-2000 JP 2008458.4
PI ULVI GERST TALAS, JOHN DUNLOP, DAVID PETER KELSELL PC
C12N15/09, C07K16/40, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/ PC
50, C12Q1/68, G01N33/573, G01N33/574//C12P21/08, C12N15/00, C12N5/00
PC C12Q1/68, G01N33/573, G01N33/574//C12P21/08, C12N15/00, C12N5/00
FT Key
FT Source

// Oxyanism='Artificial Sequence'.
                                                                                                     5337 CCTCACTCTCTCCAGTTGGT 5356
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E07133
Primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
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                                                                                                                                                   Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Talas, U.G., Dunlop, J. and Kelsell, D.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C12N15/09,A61K31/711,A61K38/00,A61K48/00,A61F11/06,A61F29/00,A61F35/00,A61F37/08,C12N15/00,A61K37/02
Antisense oligonucleotide inhibiting the common subunit of II
4 and IL-13
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                                                                                                                                                                                                                                              /organism='Artificial
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Location/Qualifiers
                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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85.0%;
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Pred. No. 1.6e+03
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Pred. No. 1.6e+03;
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              DNA
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              PAT
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VERSION
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VERSION
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E08788/c
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PF 07-APR-1992 JP 1992113154

PI SHIMADA MASAMITSU, FUUINO KIMIYA, KATOU IKUNOSHIN PC C1201/04,C12M1/34,C12N15/10,C12N15/11,C12Q1/68; CC single; CC topology: Linear; CC hypothetical: NO; CC anti-sense: Yes; FH Key Locations (Compared to the compared to t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local
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                       E 1 (Dases 1 to 20)

NAKAGAWA, T., MUKAI, H., Shimada, M., FUJINO, K. and Katou, I.

NAKAGAWA, T., MUKAI, H., Shimada, M., FUJINO, K. and Katou, I.

NAKAGAWA, T., MUKAI, H., Shimada, M., FUJINO, K. and Katou, I.

NAKAGAWA, T., MUKAI, H., Shimada, M., FUJINO, K. ALLINO, T.

PN J 195051100-A 15 28-FEB-1995;

PN JP 195051100-A/15

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E07133.1 GI:2175283
JP 1994090793-A/15.
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Similarity 85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAKAGAWA TOMOKO, MUKAI HIROYUKI, SHIMADA MASAMITSU,
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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1. .20
/organism='Artificial sequences'
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Pred. No. 1.6e+03
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E40652
LOCUS
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TITLE
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E59332
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Best Local Similarity 85.0
Matches 17; Conservative
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Best Local (
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Artificial Sequence of the control o
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E40652
                                                                                                                                                                                           E59332 20 bp DN Method for purifying oligonucleotide. E59332
artificial sequences.
1 (bases 1 to 20)
Hirose, K. and Yoshida, T.
                                                                                                                                      E59332.1 GI:18622509 JP 2000342265-A/13.
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Serizawa, N., Haruyama, H., Takahashi, W., Naka
Antihuman Fas humanized antibody-containing
Patent: JP 2000154149-A 23 06-JUN-2000;
                                                                                   synthetic construct synthetic construct
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synthetic construct
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06-JUN-2000
17-SEP-1999 JP 1999263984
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NOBUKI SERIZAWA, HIDEYUKI HARUYAMA, WATARU TAKAHASHI,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism='Artificial Sequence'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.6e+03;
0; Mismatches 3;
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I21051/c
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E59334
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Matches 17; Conserv
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Patent: JP 2000342265-A 13 12-DEC-2000;
TOAGOSEI CHEM IND CO LTD
OS Artificial Sequence
PN JP 2000342265-A/13
PD 12-DEC-2000
PF 02-JUN-1999 JP 1999154974
PR EUNIHIKO HIROSE, TADAO YOSHIDA PC C12N15/09, B01D15/08, C12N15/00
CC FH Key Location/Qualifiers
FT source 1.20
FT four control of the control 
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1 (bases 1 to 20)
Hirose, K. and Yoshida, T.
Method for purifying oligonucleotide
Method for purifying oligonucleotide
Patent: JP 2000342265-A 15 12-DEC-2000,
TOAGOSEI CHEM IND CO LTD
OS Artificial Sequence
PN JP 2000342265-A/15
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Similarity 85.0%; Pred. No. 1.6e+03
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA" .
/db_xref="taxon:32630"
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85.0%; Pred. No. 1.
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183476
                                             1 (bases 1 to 20)
Dean, N.M. and Cowsert, L.M.
Antisense inhibition of HPK/GCK-like kinase
Patent: US 6346416-A 28 12-FEB-2002;
                                                                                                                                                      AR193143
Sequence 28 from patent
AR193143
AR193143.1 GI:20239108
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Dracopoli, N., Tucker, M. and Goldstein, A.
Methods for the diagnosis of a genetic p.
associated with variant CDK4 allele
Patent: US 5714329-A 12 03-FEB-1998;
                                                                                                                             Unknown.
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1 (bases 1 to 20)
Leonard, W.J., Noguchi, M. and McBride, O. Wesley.
Methods for diagnosis of XSCID and kits thereof
Patent: US 5518880-A 21-MAY-1996;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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organism="unknown"
/mol_type="unassigned DNA"
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AR203173
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AR203173
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Chabot, B. and Wellinger, R.
Methods for monitoring the binding of A1/UP1 to single-stranded nucleic acid sequences, and to measure the effect of this binding on telomere extension and protection patent: US 6358697-A 9 19-MAR-2002;
Location/Qualifiers
                                                                                                                                                                                                                           1 (bases 1 to 20)
Bennett, C. Frank. and Wyatt, J.
Antisense modulation of lysophospholipase
Patent: US 6365354-A 92 02-APR-2002;
                                                                                                                                                                                                                                                                                 Unknown
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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Best Local Similarity 85.0%;
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                                                                        Unclassified.

1 (bases 1 to 20)

Wyatt, J. and Freier, S.M.

Wyattinsense modulation of Her-1 expression

Patent: US 6444465-A 104 03-SEP-2002;

Location/Qualifiers
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Antisense inhibition of clusterin expression
Patent: US 6383808-A 85 07-MAY-2002;
Location/Qualifiers
 l Similarity
17; Conserv
                                                                                                                                                                                                 Sequence 104 from patent AR226041
                                                                                                                                                                                                                                                                                                                             l Similarity
17; Conserv
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AR217901
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Wright, J.A., Young, A.H. and Lee, Y.S.
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/mol_type="genomic DNA"
                                            /organism="unknown"
/mol_type="genomic
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                                            _type="genomic DNA"
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Pred. No. 1.6e+03;
0; Mismatches 3
Score 15.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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Unclassified.
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Sequence
AR241074
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Butler, M.M., McKay,R., Monia,B.P. and Wyatt,J.
Antisense modulation of glycogen synthase kinase
Patent: US 6323029-A 50 27-NOV-2001;
Location/Qualifiers
                                                         AR264956.1
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17; Conserv
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                                    Unknown.
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/mol_type="genomic"
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AR300714
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 20)

Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K.,

Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target nucleic acid
molecules, nucleic acid probes for the method, and method for
analyzing data obtained by the method
Patent: US 6492121-A 41 10-DEC-2002;
                                                                                                                                                                   Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 41 from patent US AR264957
                                                                                                    Antisense inhibition of SAP-1 expression Patent: US 6537811-A 82 25-MAR-2003;
                                                                                                                                Freier, S.M.
                                                                                                                                                                                  Unknown.
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ilarity 85.0%;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                  /organism="unknown"
/mol_type="genomic
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85.0%; Pred. No. 1
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Pred. No. 1.6e+03;
0; Mismatches 3;
Score 15.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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AR305335
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AR309439
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AR311854/c
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Query Match
Best Local Similarity
Matches 17; Conserv
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Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D. Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzke Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.

LDL-receptor
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AR305335
AR311854
Sequence 2391 from patent
AR311854
AR311854.1 GI:31705280
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AR309439
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold, Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metz, Makagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                                                                                                                                                                                                                                                                Unknown
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                            Patent: US 6555654-A 289 29-APR-2003;
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/mol_type="genomic DNA"
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Pred. No. 1.6e+03
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Pred. No. 1.6e+03
0; Mismatches
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AR312441
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Griffais,R., Hoiseth,S.K., Za
Sankaran,B. and Fletcher,L.D.
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 2391 06-MAY-2003;
                                                                                                1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
                                                                                                                                                                                                                                                                                                                                                                                            Chlamydia pneumoniae polynucleotides and Patent: US 6559294-A 2978 06-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2978 from patent AR312441
                                                                           Chlamydia pneumoniae polynucleotides and Patent: US 6559294-A 5002 06-MAY-2003;
                                                                                                                                 Unclassified
                                                                                                                                             Unknown
                                                                                                                                                      Unknown.
                                                                                                                                                                             AR314465.1 GI:31707891
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Similarity 85.0%;
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                               /organism="unknown"
/mol_type="genomic"
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                                                                ocation/Qualifiers
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Pred. No. 1.6e+03;
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6559294.
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           Length 20;
                                                                                                          Metcalf, B.J.,
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AR316305
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AUTHORS
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AR315939/c
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AR315248/c
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AR315939
AR315939.1
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Griffals,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and
Patent: US 6559294-A 6476 06-MAY-2003;
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Griffals,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and u
Patent: US 6559294-A 5785 06-MAY-2003;
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                       6842 from patent
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                                                                                                                                                                                                  /organism="unknown"
/mol_type="genomic DNA"
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AR337685/c
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AR360403
AR360403.1
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Griffais,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and u
Patent: US 6559294-A 6842 06-MAY-2003;
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AR337685
                                                                      1 (bases 1 to 20)
Dattagupta,N. and Tseng,T.-C.
Methods and compositions for analyzin
mismatches using RNase H
Patent: US 6596489-A 18 22-JUL-2003;
Location/Qualifiers
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1 (bases 1 to 20)

Wright, J.A., Young, A.H. and Lee, Y.S.

Oligonucleotide sequences complementary to thioredoxin oligonucleotide sequences and methods of using same t
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Location/Qualifiers
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/mol_type="genomic DNA"
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Pred. No. 1.6e+03;
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Score 15.2; DB 1;
Pred. No. 1.6e+03;
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KEYWORDS
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AR373534/c
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AUTHORS
TITLE
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AR360430/c
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AR366676/c
                          KEYWORDS
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AR360430
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Bennett,C.F. and Wyatt,J.
Antisense modulation of glioma-associated oncogene-1 expression
Patent: US 6329203-A 38 11-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                      Unknown
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Nucleic acid hairpin probes and uses thereof Patent: US 6596490-A 18 22-JUL-2003;
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Unclassified.
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/mol_type="genomic
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Sequence 7 from Patent W09966037.
AX008654 GI:9996178
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Location/Qualifiers
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                                     Binding molecules derived from immunoglobulins w
complement mediated lysis
Patent: WO 9958572-A 25 18-NOV-1999;
ARMOUR KATHRYN LESLEY (GB); UNIV CAMBRIDGE TECH
LORNA MCLEOD (GB); CLARK MICHAEL RONALD (GB)
Location/Qualifiers
                                                                                                                                                                                                        AX010789
Sequence 25 from Patent
AX010789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Antisense oligonucleotides for treating or preventing diseases and neoplastic cell proliferation Patent: WO 9966037-A 7 23-DEC-1999; RENZI PAOLO (CA); RECH EXPERTISES ET DEV MEDICAU (CA)
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subunit of IL-4 and IL-13 human receptor"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
/organism="synthetic construct"
/mol_type="unassigned DNA"
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5337 CCTCACTCTCCAGTTGGT 5356
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Sequence 10 from Patent W00061728.
AX038754
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                                                                                                                                                                                      Patent: WO 0061728-A 10 19-OCT-2000;
DUNLOP JOHN (ES) ; KELSELL DAVID PET
; QUEEN MARY & WESTFIELD COLLEGE (GB
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/note="primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                           /note="Primer"
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l Similarity 85.0%;
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Sequence 10 from Patent
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AX058558.1 GI:12310900
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                                                                                                                                                                                 /note="Oligonucleotide"
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|mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Fell,J.D., Diaz,M.D. and Mccabe,M.S. Method of identifying pathogenic cryptococci Patent: Wo 0123616-A 258 05-APR-2001; Genetic Vectors Inc. (US) ; Fell, Jack (US)
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Sequence 156 from Patent WO0123616.
AX108292
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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AX111959/c
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Sequence 9 from Patent WO0142500.
AX175435
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Sequence 9 from Patent EP1106703
AX111959
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Viruses; Retroid viruses; Retroviridae; Mammalian type
retroviruses; 1-Mammalian type C virus group.
                                                                                                                                Testing xenografts and sources thereof for retrovirus Patent: WO 0142500-A 9 14-JUN-2001; Amsterdam Support Diagnostics B.V. (NL)
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Location/Qualifiers
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retroviruses; 1-Mammalian type C virus g
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/mol_type="unassigned DNA"
/db_xref="taxon:61673"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                         /organism="Porcine endogenous
/mol_type="unassigned DNA"
/mb xref="taxon:61673"
/moEe="'Upstream pol-primer PC
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                                                                                                                                                                                                                                Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of sequence differences using ligase detection reaction Patent: WO 0179548-A 7111 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
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UNIVERSITY OF IOWA RESEARCH FOUNDATION
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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A3D GmbH, Antisense Design & Drug Development (Location/Qualifiers
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Sequence 5 from Patent EP1197553.
AX417276
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Nucleic acid hairpin probes and uses thereof
Patent: WO 0206531-A 18 24-JAN-2002;
Applied Gene Technologies, Inc. (US)
Location/Qualifiers
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AX441514
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon.32630"
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Sequence 5 from Patent W00231142.
AX467279
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A3D GmbH, Antisense Design & Drug Development (DE)
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Patent: WO 0210382-A 36 07-FEB-2002;
Wissenbach, Ulrich (DE)
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Sequence 36 from Patent WO0210382.
AX443254
AX443254.1 GI:21690649
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 9 from Patent WO0231142.
AX467283
synthetic construct
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Location/Qualifiers
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Sequence 431 from Patent
AX547292
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A3D GmbH, Antisense Design & Drug Development (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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/mol_type="unassigned DNA"
/mol type="unassigned DNA"
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              Escriou,N., van der Werf,S., Vignuzzi,M. and Gerbaud,S. Replicons derived from positive strand rna virus genomes useful for the production of heterologous proteins Patent: WO 02095023-A 6 28-NOV-2002; INSTITUT PASTEUR (FR)
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Sequence 6 from Patent WO02095023.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Synthetic Sequence"
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Macejak,D.G. and Mamone,J.A.
Method and reagent for inhibiting HBV viral
Patent: EP 1288296-A 174 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                    Human herpesvirus 4 (Epstein-Barr virus)
Human herpesvirus 4
Viruses, daDNA viruses, no RNA stage; Herpesviridae;
Gammaherpesvirinae; Lymphocryptovirus.
                                                                                                                                                                                                                                                                                                        Sequence 174 from Patent AX710874
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synthetic construct
artificial sequences.
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Sequence 7 from Patent WO03004511
AX671167
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BD001444
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BD001015
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                           KEYWORDS
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JOURNAL
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PC C12N15/00,
PC C12N5/
PC C12N5/
PC C12N5/
PH Key
FH Key
FT Source
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15-OCT-1992 US
15-OCT-1992 US
                      Method and reagent for
BD001444
BD001444.1 GI:18626003
JP 2000342286-A/175.
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Method and reagent for inhibiting viral replication Patent: JP 2000342285-A 175 12-DEC-2000;
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OS Artificial Sequence
PN JP 2000342285-A/175
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JP 2000342285-A/175.
  synthetic construct
                                                                                                                         BD001444
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1 (bases 1 to 20)
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C12N15/09, C12N5/10, C12N7/00, C12N9/22//(C12N5/10, C12R1:91),
                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                           44 20 bp RNA linear and reagent for inhibiting viral replication.
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                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                       0.2%;
                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism='Artificial Sequence'
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Pred. No. 1.6e+03
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07/8822824 PR
07/8828828 PR
07/882921 PR
07/883823 PR
07/884333 PR
07/884433 PR
07/884431 PR
07/884521 PR
07/935854 PR
07/935859 PR
07/987133 PI
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ORGANISM
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BD106246
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JOURNAL
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PI JAME
PC C12N
PC A61F
PC A61F
PC A61F
PC A61F
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JP 2002501376-A/261
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ORGANISM
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15-OCT-1992 US
15-OCT-1992 US
                                                                     Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hamm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C12R1:93)
CC
FH Key
FT source
FT
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1 (bases 1 to 20)

Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak.
Holesek,J.J. and Mamone,A.J.
Method and reagent for inhibiting viral replication
Patent: JP 2000342286-A 175 12-DEC-2000;
Novel LDL-receptor
Patent: JP 2002501376-A 261 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
                                                                                                                                                                                             BD106246.1 GI:23201064
JP 2002501376-A/261.
                                                                                                                                                                                                                                        BD106246
Novel LDL-receptor.
BD106246
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                                                                                                                                                                           Chlamydia sp.
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A61P31/14,A61P31/16,A61P31/18,A61P31/22,A61P35/02,C12Q1/68, PC
(C12N15/09,C12R1:93),C12N15/00,C12N5/00,A61K37/48,(C12N15/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JAMES J HOLESEK, ANTHONY J MAMONE
C12N15/09,C12N5/10,C12N7/00//A61K38/43,A61K39/125,A61K39/13,
A61K39/135,
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JP 2000342286-A/175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  source
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/mol_type="genomic RNA"
/db_xref="taxon;32630"
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Location/Qualifiers
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85.0%; Pred. No. 1.6e+03;
tive 0; Mismatches 3
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07/882823, 14-MAY 1992 US
07/882886, 14-MAY 1992 US
07/882886, 14-MAY 1992 US
07/882889, 14-MAY 1992 US
07/882989, 14-MAY 1992 US
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07/883849, 14-MAY 1992 US
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07/884426, 14-MAY 1992 US
07/884436, 14-MAY 1992 US
07/9330866, 18-SEP-1992 US
07/9367130, 07-DEC-1992 US
07/937318, 26-ADG-1992 US
07/937318, 26-ADG-1992 US
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US 07/8826
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882713,14-MAY-1992 US 07/882714 PER
882813,14-MAY-1992 US 07/88224 PER
882886,14-MAY-1992 US 07/88288 PER
882886,14-MAY-1992 US 07/88288 PER
882989,14-MAY-1992 US 07/883823 PER
882922,14-MAY-1992 US 07/884733 PER
8849,14-MAY-1992 US 07/88433 PER
884074,14-MAY-1992 US 07/88431 PER
884074,14-MAY-1992 US 07/88431 PER
884422,14-MAY-1992 US 07/88421 PER
884422,14-MAY-1992 US 07/88459 PER
984431 PER
984431 PER
984432 US 07/987129 PER
9936086,18-SEP-1992 US 07/987129 PER
9936086,18-SEP-1992 US 07/987129 PER
9936086,18-SEP-1992 US 07/987129 PER
9936086,18-SEP-1992 US 07/987129 PER
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BD128261
LOCUS
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KEYWORDS
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ACCESSION
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Query Match
Best Local S
Matches 17
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JOURNAL
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                   Primer for synthesizing full-length cDNA and use thereof
Patent: JP 2002017375-A 3692 22-JAN-2002;

HELIX RESEARCH INSTITUTE
OS Unidentified
JP 2002017375-A/3692
PD 22-JAN-2002
PT 07-JUL-2000 JP 2000253172
PF 07-JUL-2000 JP 2000253172
PF 107-JUL-2000 JP 2000253172
PF 107-JUL-2000 JP 2000253172
PF 107-JUL-2000 JP 2000253172
PF 107-JUL-2000 JP 2000253172
PT TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO PI ISHII,
PI YURI KAWAI, AI WAKAWATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
PC 12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1987 CTGGGAGCAGATGTTACACA 2006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PD 15-JAN-2002
PD 15-APR-1998 JP 1
PF 15-APR-1997 US
ADDREW TODD, JOHN
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID GERHOLD, HC
PC C12N15/12, C12N15
PC A61K49/30
CC Strandedness: Si
CC Topology: Linear
FH Key
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ь
                                                                                                                                                                                                                           Description of Artificial Sequence:
synthesized primer
CC sequence
CC Location/Qualifi
FT source 1.20
FT ource /organism='Unide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BD128261 20 bp DNA li
Primer for synthesizing full-length cDNA and
BD128261
BD128261.1 GI:23223206
JP 2002017375-A/3692.
unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               unclassified.
                            Similarity
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DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15-JAN-2002
15-APR-1998 JP 1998543635
15-APR-1997 US 60/043553,05-JUN-1997
ANDREW TODD,JOHN WILFRED HESS,CHARLES
                                                                                                                                                                                                                                                                                                                                                                               C12P21/02, C12Q1/68//C12P21/08, G06F17/30, C12N15/00, C12N5/00
  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Topology: Linear;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
                                                                                                                                                                                               /organism='Unidentified'.
                                                                                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Chlamydia sp
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers.
                    0.2%;
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Pred. No. 1.6e
0; Mismatches
                                                                                                                                                                                                                                                                          Location/Qualifiers
Score 15.2; DB 1;
Pred. No. 1.6e+03;
D; Mismatches 3
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                                                   <u>ب</u>
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  Gaps
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BD206092/c
                                                                                                  REFERENCE
AUTHORS
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VERSION
KEYWORDS
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AUTHORS
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ORGANISM
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VERSION
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BD131958/c
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                    ORGANISM
                                                                          TITLE
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                               JOURNAL
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RS Wright, J.A., Young, A.H. and Lee, Y.S.

Oligonucleotide sequence complementary to thioredoxin gene or thioredoxin reductase gene and utilization thereof for controlling returned the processor of the pr
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1 (bases 1 to 20)
Wright, J.A., Young, A.H. and Lee, Y.S.
Wright, J.A., Young, A.H. and Lee, Y.S.
Wright, J.A., Young, A.H. and Lee, Y.S.
and inclined growth factor II antisense oligonucleotide and method of using the same for controlling cell prolif Patent: JP 2002512792-A 19 08-MAY-2002;
GENESENSE TECHNOLOGIES INC
                                                                                                                                                                                                                                                                                                 20 bp DNA linear PAT Insulin-like growth factor II antisense oligonucleotide and method of using the same for controlling cell prolif. BD206092
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                                                                                                                                                                                               Homo sapiens (human)
                                                                                                                                                                                                                                                  BD206092.1 GI:33015862
JP 2002512792-A/19.
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Mammalia; Eutheria; Primatee; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
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                                                                                                                                              Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cell proliferation.
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nilarity 85.0%;
Conservative
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JP 2002501743-A/20

22-JAN-2002

22-JAN-2002

29-JAN-1999 JP 2000529423

30-JAN-1998 US 60/073196

JM A WRIGHT, AIPING H YOUNG, YOON S LEE

C12N15/09,A61331/711,A61K48/00,A61P35/00,A61P35/04,C07H21/04//

(A61K31/711,A61K45.00),(A61K48/00,A61P35/00,C12N15/00 CC

(A61K31/711,A61K45.00),(A61K48/00,A61P35/04,C07H21/04//
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source
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 1.
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Mismatches
                                                                                                                                                Craniata; Ve
Catarrhini;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BB
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                                                                                                                                                   Vertebrata; Euteleostomi; i; Hominidae; Homo.
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                                                   proliferation
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RESULT 1720
BD211710/c
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AUTHORS
TITLE
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SOURCE
ORGANISM
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source
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                                                                                                    Query Match
Best Local 9
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Matches 17; Conserv
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Best Local :
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                               6020
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CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD

PD 21-MAY-2002

PD 21-MAY-2002

PD 07-MAY-1999 GB 9809951.8

PI KATHRYN LESLEY ARMOUR, MICHAEL RONALD CLARI

PI KATHRYN LESLEY ARMOUR, MICHAEL RONALD CLARI

WILLIAMSON

PC C12N15/00, A61K31/711, A61K39/395, A61K48/00,

PC A61P9/10,

PC A61P9/10, A61K31/711, A61K39/395, A61K48/00,

PC A61P1/06, A61P19/02, A61P29/00, A61P37/06, AF

PC C07K16/34, C07K19/00, C12N5/10, C12P21/02, C1:

PC C07K16/28, A61P19/00, C12N5/10, C12P21/02, C1:

PC C07K16/28, A61P19/00, C12N5/10, C12P21/02, C1:

PC C07K16/28, A61P19/00, C12N5/10, C12P21/02, A61P3/00, A61P3/0
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                                                                              17; Conserv
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BD211710.1 GI:33021480
JP 2002514406-A/13.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Armour, K.L., Clark, M.R. and Williamson, L.M. Immunoglobulin-origin binding molecule inducing mediated dissolution
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TTTCCACACCTGTCCACTCC 6039
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pr 2002512792-A/19
pr 2002512792-A/19
08-MAY-2002
23-APR-1999 JP 2000545998
23-APR-1998 US 60/082791
23-APR-1998 US 60/082791
JIM A WRIGHT, AIFING H YOUNG, YOON S LEE
C12N15/09, A61X31/711, A61X45/06, A61X48/00, A61P35/04, C12N15/00
INSULIN-like growth factor II antisense oligonucleotide CC
                                                                                                                                                                                                                                                                                                                                                        C07K16/34,C07K19/00,C12N5/10,C12P21/02,C12N15/00,C12N5/00 CC
ciption of Artificial Sequence: Primer
Key Location/Qualifiers
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A61P11/06,A61P19/02,A61P29/00,A61P37/06,A61P37/08,C07K16/00,
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07-MAY-1999 JP 2000548374
08-MAY-1998 GB 9809951.8
KATHRYN LESLEY ARMOUR,MICHAEL RONALD CLARK,LORNA MCLEOD
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                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 1.6e+03;
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RESULT 1721
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AR055433/c
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
2etllmeissl,G., Karges,H.E. and Becke
Mutants of human antithrombin III
Patent: EB 0384122-A 8 29-AUG-1990;
BEHRINGWERKE Aktiengesellschaft
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                                   Sequence
AR055433
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A38352
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Oligonukleotide for mutagenesis
A07686
                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Druilhe,P., Bouharoun-Tayoun,H. and Oeuvray,C.
PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
PATENT: WO 9409140-A 9 28-APR-1994;
PASTEUR INSTITUT (FR)
Other publication FR 2697022 940422.
Location/Qualifiers
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Similarity 85.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Local Similarity 85.0%;
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                         Patent: JP 2002527758-A 25 2
DIADEXUS INC
OS Artificial Sequence
PN JP 2002527758-A/25
PD 27-AUG-2002
PF 19-OCT-1999 JP 20005768
PR 19-OCT-1998 US 60/10
PI SUSANA SALCEDA, HERVE RE
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      PD 27-AUG-2002
PF 19-OCT-1999 JP 2000576884
PF 19-OCT-1998 US 60/104737
PR 19-OCT-1998 US 60/104737
PI SUSANA SALCEDA, HERVE RECIPON, ROBERT CAFFERKEY PC G01N33/574, A61K39/395, A61K39/395, A61K49/00, A61K51/00, A61P35/00,
                                                                                                                                               artificial sequences.

1 (bases 1 to 21)
Salceda,S., Recipon,H. and Cafferkey,R.
Method of diagnosis, observation, staging, imaging and treatment of prostatic cancer
                                                                                                                                                                                                                                                                                    Method of diagnosis, observation, prostatic cancer.
BD228323
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Rando, R.F., Ojwaug, J.O., Hogan, M.E., Wallace, T.L. and Cossum, P..
Anti-viral guanosine-rich tetrad forming oligonucleotides
Patent: US 6288042-A 11 11-SEP-2001;
Location/Qualifiers
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Tavtigian, S.V., Kamb, A., Simard, J., Couch, F., Rommens, J.M.
                                                                                                                                                                                                                                                                      BD228323.1 GI:33038093
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I42191/c
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127779/c
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Best Local Similarity 85.0%;
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I27779
 l Similarity
17; Conserv
                                                                                                                                Urdea,M.S.
Use of DNA-dependent RNA polymerase transcripts as reporter molecules for signal amplification in nucleic acid hybridization
                                                                                                                                                                                                                                                               I42191
Sequence 4 from patent US
I42191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Anti-viral guanosine-rich oligonucleotides
Patent: US 5567604-A 11 22-OCT-1996;
Location/Qualifiers
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Description of Artificial Sequence:Synthetic
FH Key Location/Qualifiers
FT source 1. .21
FT fource /organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 21)
Rando, R.F., Fennewald, S.,
                                                                                               Patent: US 5629153-A 4 13-MAY-1997;
Location/Qualifiers
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                                                                                                                                                                                                            Unknown
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nilarity. 85.0%;
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                                                    /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                    GI:2467686
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Pred. No. 1.7e+03
 Score 15.2; DB 1
Pred. No. 1.7e+03
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                            Length 21;
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AR200254/c
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Sequence 9
AR242584
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AR226501
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AR200254
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Gray, G.S., Carson, J., Javaherian, K.,
CTLA4-C.gamma. 4 fusion proteins
Patent: US 6444792-A 14 03-SEP-2002;
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Guanosine-rich oligonucleotide integrase inhibitors
Patent: US 6355785-A 11 12-MAR-2002;
         Unknown.
Unclassified.
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Rando, R.F., Fennewald, S.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
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                                                                                                                                                                                                                        /organism="unknown"
/mol_type="mRNA"
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/mol_type="unassigned DNA"
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                                                      GI:27289049
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
0; Mismatches 3;
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AR295229
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AR262386/c
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ACCESSION
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TITLE
JOURNAL
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Matches 17; Conserv
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                                                                                                                      1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6964 25-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 21)
Rando, R.F., Fennewald, S.,
Anti-viral guanosine-rich
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Plasmodium falciparum antigens inducing protective antibodies
Patent: US 6472519-A 9 29-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                 Sequence
AR295229
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AR262386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: US 6323185-A 11 27-NOV-2001;
Location/Qualifiers
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                                                                                     /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Euermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Hordeum.
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AX017796
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 653,7751-A 11166 25-MAR-2003;
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AR299431
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                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
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/mol_type="genomic DN
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/mol_type="genomic
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                                                       Rosendahl, M.S., Cox, G.N. and Doherty, D.H. Methods for refolding proteins containing Patent: WO 0187925-A 75 22-NOV-2001; Bolder Biotechnology, Inc. (US)
Location/Qualifiers
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AX306757
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17; Conserv
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                                                                                                                                                              synthetic construct synthetic construct
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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AX404273/c
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 99 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Sequence 99 from Patent W00224747.
AX404273
AX404273.1 GI:21437554
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Polymorphisms in human genes of cardiovascular regulators
use in diagnostic and therapeutic applications
Patent: WO 0224747-A 100 28-MAR-2002;
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/db_xref="taxon:32630"
/note="artificial sequence-n=t or
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Pred. No. 1.7e+03;
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                        AX488230 21 bp DN
Sequence 5530 from Patent WO02053728
AX488230
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Location/Qualifiers
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Sequence 374 from Patent
AX404548
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Patent: WO 0224747-A 373 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
             AX488230.1
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 1.7e+03;
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Sequence 57
AX600750
AX600750.1
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Sequence 13 from Patent
AX577806
AX577806.1 GI:27647045
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Weber, B.L.
Chromosome 13-linked breast
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                            Tavtigian, S.V., Kamb, A.,
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                                                         artificial
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13 from Patent WO02081741.
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
                          Simard, J., Couch, F., Rommens, J.M.
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AX838669
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Query Match
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1 (bases 1 to 21)

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Nishimura, M., Yaguchi, H., Naito, S. and Hiraoka, I.

Method for assaying an enzyme perticipating in conjugation with glucuronic acid in human beings, and probe and kit therefor TRIAL

Patent: JP 2002085066-A 35 26-MAR-2002;

OTSUKA PHARMACEUTICAL FACTORY INC

OS Human UGT8 gene
PN JP 2002085066-A/35

PD 26-MAR-200^

PP 26-MAR-200^
                                                                                                                                                                                                                                                                                                                                                                                                                                              546 CGACTTTGAGGTGACAATCC 565
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Mutagenesis of aspergillus fungi and genes essential for growth Patent; WO 03076464-A 84 18-SEP-2003;
Bayer CropScience S.A. (FR); INSTITUT PASTEUR (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                   Method for assaying an enzyme perticipating glucuronic acid in human beings, and probe a
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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I (bases 1 to 21)

S Yoshikawa, T. and Hattori, E.

S Yoshikawa, T. and Hattori, E.

Polymorphism of upstream region of human cholecystokinin gene, identification method and reagent thereof, and method for diagnos: of anxiety disorders based thereon

Patent: JP 2002171990-A 6 18-JUN-2002;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
OS Artificial Sequence
PN JP 2002171990-A/6
PD 18-JUN-2002
PF 08-DEC-2000 JP 2000375090
PI TAKEO YOSHIKAWA, EIJI HATTORI
PC C12N15/09, C12Q1/68, G01N33/53, G01N33/566, C12N15/00 CC
                                                                                                                                                             6914 TACTGACTTAGAGCCTCTGG 6933
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BD192785 21 bp DNA linear PAT 17-JUL-200 Generation, characterization and isolation of neuroepithelial stem cells and lineage restricted intermediate precursor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BD161940 21 bp DNA linear PAT 17 Polymorphism of upstream region of human cholecystokinin gidentification method and reagent thereof, and method for
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                                                                                                                                                                                                                                                                                                                                                                                             PI TAKEO YOSHIKAWA, EIJI HATTORI
CC 12N15/09,C1201/68,G01N33/53,G01N33/566,C12N15/00 CC
Description of Artificial Sequence: downstream primer p6 I
Location/Qualifiers
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synthetic construct
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                 Score 15.2; DB 1;
Pred. No. 1.7e+03;
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ATH493632
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                                                                                          gene
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PD 09-MAY-2002
PF 07-MAY-1998 UP 1998548581
PR 07-MAY-1997 US 08/852744,06-MAY-1998 US 09/0
MAHENDRA S RAO, MARGOT MAYER PROSCHEL, TAHMINA MUJTABA PC C12N5/06,C12N5/08
CC Strandedness: Single;
CC Topology: Linear.
FH Kev
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Generation, characterization and isolation of neuroepithelial stem
cells and lineage restricted intermediate precursor
Patent: JP 2002513291-A 12 08-MAY-2002;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
PN JP 2002513291-A/12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      microRNA MIR160a; mIR160a gene; miRNA
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Arabidopsis thaliana microRNA MIR160a.
AJ493632
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BD192785.1
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Bartel, D.P.
Direct Submission
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22095332
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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                                                                                                                                                                                                                                                    Submitted (25-JUN-2002)
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                                                                                                                                                                                                                                     Institute,
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Similarity 85.0%;
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/mol_type="genomic DNA"
/db_xref="taxon:1280"
                                                                                                                                            /organism="Arabidopsis
/mol_type="pre-RNA"
/db_xref="taxon:3702"
                                                                                                                                                                                                                 , 9 Cambridge Center,
Location/Qualifiers
   /product="microRNA MIR160a"
/note="from precursor transcript that includes 78nt RNA
                                      /gene="MIR160a"
                                                                      gene="MIR160a"
                                                                                                           note="ecotype:
                                                                                                                             chromosome="2"
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Pred. No. 1.7e+03
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Center, Cambridge, MA,
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                                                                                                                                                                                 thaliana"
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ATH493633
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                                      AJ493634
AJ493634. GI:21739075
microRNA MIR160c; MIR160c gene; miRNA.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
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Direct Submission
Submitted (25-JUN-2002) Bartel D.P., Biology, MIT and Whitehead
Institute, 9 Cambridge Center, Cambridge, MA, 02142, USA
Location/Qualifiers
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosida; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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AJ493633
AJ493633 I GI:21739074
microRNA MIR160b; MIR160b gene; miRNA.
Arabidopsis thaliana (thale cress)
Reinhart, B.J.,
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Arabidopsis thaliana microRNA
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                            eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                       /product="microRNA MIR160b"
/note="from precursor transcript that includes 80nt
segment containing the microRNA at the 5' end"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /gene="MIR160b"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="ecotype: Columbia"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Arabidopsis thaliana"
/mol_type="pre-RNA"
/db_xref="taxon:3702"
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85.0%;
Weinstein, E.G., Rhoades, M.W., Bartel, B. and
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Pred. No. 1.7e+03;
                                                                                                                                                                                                                                                                                                                                          Score 15.2; DB 1;
Pred. No. 1.7e+03;
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                                                                                                                                                             bp RNA
A MIR160c.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               bp RNA
A MIR160b.
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Submitted (04-AUG-2001) Akira Horii, Tohoku University Sch
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, S
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A BAC-based STS-content map spanning a 35-Mb chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001) 21269192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Fandahashi,A., Chira,M., Fandahashi,A., Chira,M., Nakagawara,A., Liu,S., Hoshi,M., Fandahashi,A., Chira,M., Ch
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                                                          BAC library RPCI-11"
                                                                                         /note="forward primer
sts-R117I17R obtained
                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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|/mol_type="pre-RNA"
|/db_xref="taxon:3702"
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Emtage,J.S. and Harris,T.J.R.
Hybrid proteins
Patent: BP 0347078-A 15 20-DEC-1989;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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0.2%;
1 Similarity 85.0%;
17; Conservation
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Sequence
AR066398
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Hayden,M., Lin,B. and Nasir,J.
Mouse model for Huntington's Disease
Patent: US 5849995-A 22 15-DEC-1998;
Location/Qualifiers
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synthetic construct
artificial sequences.
1 (bases 1 to 22)
                                                                              1 (bases 1 to 22)
Loring, J.F., Choi, T. and Kay, R.M.
Methods for producing recombinant mammalian
artificial chromosome
Patent: US 5981175-A 4 09-NOV-1999;
Location/Qualifiers
                                                                                                                                                            Unknown
                                                                                                                                                                                                          Sequence 4 from patent US AR084381
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                                                                                                                                                                          Unknown.
                                                                                                                                                                                                AR084381.1
                                                                                                                                                                                                                                 AR084381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                             /organism="unknown"
/mol_type="unassigned
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  0; Mismatches
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Pred. No. 1.8e+03;
             Score 15.2; DB 1;
Pred. No. 1.8e+03;
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Pred. No. 1.
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AR163009/c
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AR166970/c
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thereof.
BD240995
BD240995.1
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17; Conserv
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Jones, K.A., Wei, P., Garber, M. and Fang, S.-M.
Transcriptional coactivator that interacts with Tat prote
regulates its binding to TAR RNA, methods for modulating
transactivation, and uses therefor
Patent: US 6284456-A 4 04-SEP-2001;
Location/Qualifiers
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Sequence 4 from patent US
AR166970
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Jones, K.A., Wei, F., Garber, M. and Fang, S.-M.
Transcriptional coactivator that interacts with Tat protein and regulates its binding to TAR RNA, methods for modulating Tat transactivation, and uses therefor Patent: US 6270956-A 4 07-AUG-2001;
Location/Qualifiers
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Sequence 4 from patent US
AR163009
AR163009.1 GI:16233480
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                                     BD240995
GABAB- receptor subtypes
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                               organism="unknown"
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 GI:33050765
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Pred. No. 1.8e+03;
0; Mismatches 3
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Pred. No. 1.8e+03;
0; Mismatches 3;
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                                       heterodimers
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OS Artificial S
PN JP 200252407
PD 06-AUG-2002
PF 03-SEP-1999
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                                                                                                                                            1 (bases 1 to 22)
Burgess,S.C., Davison,T.F. and Ross,L.J.N.
Host-encoded protein expressed by Marek's
(MDV)-infected cell, and antibody against
Patent: JP 2002518995-A 5 02-JUL-2002;
INSTITUTE FOR ANIMAL HEALTH LTD
                                                                                                                                                                                                                                                                                                                                                                          BD242591 22 bp DNA Host-encoded protein expressed by Marek's (MDV) infected cell, and antibody against
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synthetic construct
artificial sequences.
1 (bases 1 to 22)
DAVISON, LOUIS JOSEPH
PI NORMAN ROSS
PC C12N15/09, A61K3
                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eute
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                               Gallus sp.
Gallus sp.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Barnes, A.A., Wise, A., Marshall, F.H., Fraser, N.J., White, J.H.M. and Foord, S.M.
                                                                                                                                                                                                                                                                                                                              BD242591.1 GI:33052361 JP 2002518995-A/5.
                                                                                                                                                                                                                                                                                                                                                              BD242591
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PF 03-SEP-1999 JF 2000568966
PR 07-SEP-1998 GB 9819420.2,09-OCT-1998 US 60/103670
ASHLEY ANTONY BARNES,ALAN WISE,FIONA HAMILTON MARSHALL,NEIL
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                                               Gallus sp. (chicken)
up 2002518995-A/5
up 2002518995-A/5
up 2002546004
22-ARR-1999 GB 9809070.7
SHANE CAMPBELL BURGESS, THORNTON
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C07K14/705,C07K16/28,C12N5/10,C12P21/02,G01N33/15,G01N33/50//
(C12N15/09,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N15/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Artificial Sequence JP 2002524074-A/14
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 C12N15/09,A61K38/00,A61K39/395,A61P31/12,C07K14/055,C07K16/08,
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/mol_type="genomic DNA"
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85.0%; Pred. No. 1.8e+03;
ative 0; Mismatches 3;
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RESULT 1762
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Matches 17; Conserv
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OS Artificial Sequence
PN pp 2002536020-A/15
PD 29-OCT-2002
PF 11-FEB-2000 JP 2000598645
PR 11-FEB-1999 CH 279/99
PI 1VANO ROMANO, GERD GELLISSEN, CLAUDIO DE VIRGILIO PC C12N15/09, C12N1/19, C12P21/02//(C12N1/19, C12R1:78), (C12P21/02, PC C12N1:78), C12P21/02, PC C12N15/00
PC C12N15/00
CC Description of the artificial sequence: sequencing primer F9 CC (forwards)
FH Key Liccation/Qualifiers
FT source /organism='Artificial Sequence'.
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PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08//(C12P21/08,
C12R1:91),
PC C12N15/00,A61K37/02,C12N5/00
CC Host-encoded protein expressed by Marek's disease virus (MDN CC infected CC infected CC cell, and antibody against it
FH Key Location/Qualifiers
FT Source 1.22
PT 90urce 1.22
PT 1.22
PT (organism='Gallus sp. (chicken)'.
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Heat-inducible promoter
Patent: JP 2002556020-A 15 29-OCT-2002;
RHEIN BIOTECH GESELLSCHAFT FUER NEUE BIOT
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1 (bases 1 to 22)
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JP 2002536020-A/15.
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Location/Qualifiers
                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                 Location/Qualifiers
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|mol_type="genomic DNA"
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Pred. No. 1.8e+03;
0; Mismatches 3
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PC C07K16/28,
PC C12N15/02,C12P21/08,G01N33/15,G01N33/50,G01N33/50, PC
G01N33/566//G01N33/577,
PC (C12N15/09,C12R1:91),C12N15/00,C12N15/00 '77 PT SOURCE
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1 (bases 1 to 22)

Kitaura, M., Tsuruta, Y. and Suzuki, R.

Mouse nurse cell receptor gene
Patent: JP 2000236882-A 5 05-SEP-2000;
SHIONOGI & CO LTD
OS Artificial Sequence
PN JP 2000236882-A/5
PD 05-SEP-2000
                                                                                                                                                                                                                                                artificial sequences.

1 (bases 1 to 22)

1 (bases 1 to 22)

1 Kitaura, M., Tsuruta, Y. and Suzuki, R.

Human nurse cell receptor gene
Patent: JP 200038492-A 5 07-NOV-2000;

SHIONGGI & CO LTD

OS Artificial Sequence
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synthetic construct
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                                                                                  C12N5/10,C12P21/02,C12Q1/02//C12P21/08,(C12P21/02,C12R1:19),C12N15/00,C12N5/00
                                                                                                                                                  MOTOJI KITAURA, YUJI TSURUTA, RYUJI SUZUKI
C12N15/09, A61K45/00, A61P37/00, C07K14/725, C07K16/28, C12N1/19,
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C12N15/09, A61K31/00, A61K31/00, A61K31/00, A61K45/00, C07K14/705,
                                     source
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07-NOV-2000
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/organism='Artificial Sequence'
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/mol_type="genomic DNA"
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PAT 31-JAN-2002

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AR219981/c
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17; Conserv
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Digan, M.E., Lake, P. and Gram, H.
Fusion polypeptides
Patent: US 6423512-A 23 23-JUL-2002;
                                                                                                                                                                                   1 (bases 1 to 22)
Barnes, A.A., Wise, A.,
                                                                                                                                                                                                                    Unknown
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                                                                                                                                                                                                                             Unknown.
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unknown"
/mol_type="genomic DNA"
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Pred. No. 1.8e
0; Mismatches
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Pred. No. 1.8e+03;
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2408 CCACAGTGGACACCAACATC 2427
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             1 (bases 1 to 22)
Maliga,P., Silhavy,D. and Sriraman,P.
Plastid promoters for transgene expre
higher plants
Patent: US 6624296-A 45 23-SEP-2003;
Location/Qualifiers
1. 22
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Freier,S.M. and Wyatt,J.

Antiense inhibition of Casein kinase 2-alpha
Patent: US 6607916-A 11 19-AUG-2003;
Location/Qualifiers
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                                                                                                                                                                       Sequence 45 from patent AR403671
                                                                                                       Unclassified.
                                                                                                                                                          AR403671.1
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Hardy, J.A., Chartier-Harlin, M.-C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AR370630.1
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/organiem="unknown"
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Sequence 9 from Patent WO9955860.
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Patent: US 6635422-A 19 21-OCT-2003;
Location/Qualifiers
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Location/Qualifiers
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/mol_type="unassigned RNA"
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AX038431/c
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Gallus sp.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
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Host-encoded protein expressed on marek's disease (mdv)-infected cells and antibody thereto
Patent: WO 995860-A 9 04-NOV-1999;
ANIMAL HEALTH INST (GB); BURGESS SHANE CAMPBELL (GB); DAVISON THORNTON FREDERICK (GB); POSS LOUIS JOSEPH NORMAN (GB)
Location/Qualifiers
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Sequence 16 from Patent
AX033771
                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 188 from Patent W00061795.
AX038431
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De Canck, I.D., Rossau, R. and Rombout, A.
                                                           Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9036"
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                                                                             Type II gonadotropin-releasing hormone receptor and encoding therefor Patent: WO 0178796-A 17 25-OCT-2001;
                                                                                                                                                        synthetic construct synthetic construct
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned_DNA"
/mb xrefs"taxon:32630"
/noTe="Synthetic Oligonucleotide Probe."
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 619 from Patent WO0193902.
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Sequence 7 from Patent WO0185765.
AX301260
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                                                    h 0.2%; Score 15.2; DB 1;
Similarity 85.0%; Pred. No. 1.8e+03;
17; Conservative 0; Mismatches 3
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/mol type="unassigned DNA"
/db xref="taxon.32630"
/noTe="Synthetic HDR"
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/db_xref="taxon:32630"
/note="Primer01"
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Sequence 5 from Patent WO03035904.
AX752018
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Sequence 139 from Patent
AX449804
AX449804.1 GI:21698312
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/db_xref="taxon:32630"
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Patent: WO 0063392-A 10 26-OCT-2000;
KYOWA HAKKO KOGYO CO LTD, KENJI SHIMIZU
OS Artificial Sequence
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Location/Qualifiers
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WO 0063392-A/10.
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14-APR-2000 WO 2000JP002455
16-APR-1999 JP 99P 108842
KENJI SHIMIZU
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer annealing to F8 template"
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/mol_type="genomic DNA"
              22 bp DNA identifying HPV infection type
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85.0%; Pred. No. 1.8e+03
tive 0; Mismatches
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85.0%; Pred. No. 1.8e+03;
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Matches 17; Conserv
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Patent: JP 2001321168-A 75 20-NOV-2001;
TOSHIYUKI SASAGAWA
OS Artificial Sequence
PN JP 2001321168-A/75
PD 20-NOV-2001
PF 12-MAY-2000 JP 2000140602
PF 12-MAY-2000 JP 2000140602
PF TOSHIYUKI SASAGAWA
PC C12N15/09,C12Q1/68//G01N33/569
CC r:a/g, w:a/t, y:c/t, k:g/t
CC Designed peptide based on HPV virus gen
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TOSHIYUKI SASAGAWA
OS ARTIFICIAL Sequence
PN JP 2001321168-A/70
PD 20-NOV-2001
PF 12-MAY-2000 JP 2000140602
PI TOSHIYUKI SASAGAWA
PC C12N15/09,C1201/68//G01N33/569
CC r:a/g, w:a/t, y:c/t, k:g/t
CC Designed peptide based on HPV virus gen
      5652 CAGCCTCATCCTCTTAGTTG 5671
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JP 200132118-A/75.
synthetic construct
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1 (bases 1 to 22)
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JP 2001321168-A/70
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TOSHITUKI SASAGAMA
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r:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus genome types
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C12N15/09,C12Q1/68//G01N33/569
r:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus
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/db_xref="taxon:32630"
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/db_xref="taxon:32630"
                                                                                                                                                               /organism='Artificial
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Pred. No. 1.8e+03;
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BD085503
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                                                                              Sasagawa, T.

Method for identifying HPV infection type
Patent: JP 2001321168-A 78 20-NOV-2001;
TOSHIYUKI SASAGAWA
OS Artificial Sequence
PN JP 2001321168-A/78
PD 20-NOV-2001
PF 12-MAY-2000 JP 2000140602
PF 12-MAY-2000 JP 2000140602
PF 170SHIYUKI SASAGAWA
PC C12N15/09,C12Q1/68//G01N33/569
CC r:a/g, w:a/t, y:c/t, k:g/t
CC Designed peptide based on HPV virus ger
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1 (bases 1 to 22)
Sasagawa, T.
Sasagawa ridentifying HPV infection type
Patent: JP 2001321168-A 76 20-NOV-2001;
TOSHIYUKI SASAGAWA
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JP 2001321168-A/78.
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                                                                           12-MAY-2000 JP 2000140602
TOSHIYUKI SASAGAWA
C12N15/09.C12Q1/68//G01N33/569
r:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus
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r:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus
Location/Qualifiers
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/organism='Artificial Sequence'
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/mol_type="genomic DNA"
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85.0%; Pred. No. 1.8e+03;
live 0; Mismatches 3;
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1 (bases 1 to 22)

2 Jones, K.A., Wei, P., Garber, M. and Fang, S.M.

Transcriptional co-activator interacting with TAT protein and inhibiting binding to TARRNA

1 Patent: JP 2001525198-A 3 11-DEC-2001;

THE SALK INSTITUTE FOR BIOLOGICAL STUDIES

OS Artificial Sequence

1 JP 2001525198-A/3

PD 11-DEC-2001

PF 11-DEC-1998 JP 2000524320

PF 11-DEC-1998 JP 2000524320

PF 11-DEC-1997 US 60/069341,30-JUL-1998 US 09/126980 PI

KATHERINE A JONES, PING WEI, MITCHELL GARBER, SHI MIN FANG PC

C12N15/99, A61K38/00, A61P31/18, C07K14/47, C07K16/18, C12N1/15, PC

C12N1/19,
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JP 2001321190-A/2357.
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BD087441.1 GI:22633051
                                          synthetic construct
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1 (bases 1 to 22)
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/db_xref="taxon:32630"
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Pred. No. 1.8e+03;
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                  3342 GAATCCAGTTTGTAGGAAGA 3361
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ω
                                                                                                                                                                                                                                 PATENT: JP 2002502262-A 45 22-JAN-2002;
RUTGERS THE STATE UNIVERSITY OF NEW JERSEY
PN JP 2002502262-A/45
PD 22-JAN-2002
PF 03-JUN-1998 JP 199502824
PF 03-JUN-1998 US 60/048376,12-SEP-1997 US 60/058670 PI
PAL MALIGA, DANIEL SILHAVY, PRIYA SRIRAWAN
PC C12N5/04, C12N15/00, C12N15/09, C12N15/29, C12N15/82, A01H1/00,
                                                                                                                                                                                                                                                                                                                                                                                                     synthetic construct
synthetic construct
artificial sequences.
                                                    Similarity
17; Conserv
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Maliga, P., Silhavy, D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 AATGTCTATAGGGGACAGGT 22
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Patent: JP 2001321190-A 2357 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                    JP 2002502262-A/45.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD106724.1 GI:23201542
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                                                    Conservative
                                                                                                                                                                                          Strandedness: Single;
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JP 2001321190-A/2357
                                                                                                                                                                                                             A01H5/00
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                                                                                                                                                              Location/Qualifiers.
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                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                  Score 15.2; DB 1
Pred. No. 1.8e+03
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BD178039
LOCUS
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BD162179
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REFERENCE artificial sequences.

1 (bases 1 to 22)

AUTHORS

Otani, N., Matsui, K., Yoshida, N., Sugita, Y. and Izuhara, K.

TITLE

Method for examination for allergosis

JOURNAL

GENOX RESEARCH INC

OS Artificial Sequence

PN JP 2002191398-A/18

PD 09-JUL-2002

PF 2002191398-A/18

PD 09-JUL-2000

PF 1 NORIKO OTANI, KEIKO MATSUI, NEI YOSHIDA, YUJI SUGITA, KENJI PI

IZUHARA

PC C12Q1/68, A01K67/027, A61K38/00, A61K45/00, A61P37/08, G01N33/50,

PC G01N33/50,

PC G01N33/50,

PC G01N33/53, G01N33/53, G01N33/53, G01N33/546//C12N15/09 CC

Description of Artificial Sequence: an artificially synthesized

CC sequence

FH Key

Location/Qualifian
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Matches 17
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1 (bases 1 to 22)

Hardy,J.A., Harlin,M.C.C., Goate,A.M., Ow Hardy,J.A., Harlin,M.C.C., Goate,A.M., Ow Test and model for alzheimer's disease patent: JP 2002306195-A 6 22-OCT-2002; ELAN PHARMACEUTICALS INC

OS Unidentified

P 2002306195-A/6

PD 22-OCT-2002

PF 27-DEC-2001 JP 2001397308

PR 21-JAN-1991 GB 9101307.8,28-AUG-1

JOHN ANTHONY HARDY,MARIE CHRISTINE CHARTI HARLIN,ALISON MARY

PI GOATE,

PI MICHAEL JOHN OWEN,MICHAEL JOHN MULLA PC C1201/02,C12N15/09,C12N15/09,C12Q1/6

C12N15/00

CC Strandedness: Single;
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Test and model for alzhei
BD178039 .1 GI:30015303
JP 2002306195-A/6.
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Method for
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                                                                                                                        22-OCT-2002
27-DEC-2001 JP 2001397308
21-JAN-1991 GB 9101307.8,28-AUG-1991
21-JAN-1991 GB CHRISTINE CHARTIER
                                                    MICHAEL JOHN OWEN, MICHAEL JOHN MULLAN
C12Q1/02, C12N15/09, C12N15/09, C12Q1/68, G01N33/15, G01N33/50,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A01996
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Reverse
A01996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Azai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Hori and Soeda,E.

A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Synthetic construct DNA,
at 1p36.
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Similarity 85.0%;
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Test and model for alzheimer's disease
Location/Qualifiers
                                                                                                                                                        Conservative
             complement.
                                                                                                                                                                                                              /note="forward primer for human STS sts-D133675 at 1p36 sts-D133675 obtained from clones B307023, B191E13, B191F10, B192B7, B192K5, B2806, B31F10, B382G16, B28P4, B307020, Human BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism='Unidentified'
                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.8e+03;
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Best Local Similarity .85.0%;
Matches 17; Conservative
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                                                                                                             unidentified unidentified unclassified.
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Sequence 3 from Patent WO9711189.
A62017
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1 (Dases 1 to 23)

Edens, L., Russell, S.W., Visser, C. and Verrips, C.T.

Improvements in the expression of newly introduced genes in yeast
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Location/Qualifiers
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1 (bases 1 to 23)
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                                                 Jepson,I., Greenland,A.J., Bevan,M. and Sheppard,H. 
PLANT ELUTATHIONE S-TRANSFERASE PROMOTERS 
Patent: WO 9711189-A 3 27-MAR-1997; 
ZENECA LTD (GB)
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                                                                                                                                                                                                                                                                                                                                                                                                                              UNILEVER NV; UNILEVER PLC
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                                      publication AU 6832196 970409
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/organism="unidentified"
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Sequence 33 from Patent WO9711189.
A62047
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17; Conserv
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                                                                                                                                                                                                                                                  unidentified unclassified.
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PLANT ELUTATHIONE S-TRANSFERASE PROMOTERS
PAtent: WO 9711189-A 29 27-MAR-1997;
ZENECA LTD (GB)
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llarity 85.0%;
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Location/Qualifiers
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29 from Patent WO9711189.
                                                         /organism="unidentified"
/mol_type="unassigned_DNA"
/isolate="PRIMER_R2_USED_TV
/isolate="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol type="unassigned DNA"
/isolate="primer R2 TO CREATE 3XMUT IN PPUG6"
/db_xref="taxon:32644"
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/isolate="PRIMER AI2"
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Score 15.2; DB 1;
Pred. No. 1.9e+03;
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AR066332
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AR044172/c
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d'Apice, A.J.F., Pearse, M.J., Robins, A.J.,
Rathjen, P.D.
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Sequence 6 from patent
AR066332
AR066332.1 GI:5996548
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17; Conserv
Unknown
           Unknown.
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Bauer, S. Christopher., Braford-Goldberg, S. Ruth., Caparon, M. Helena., Easton, A. Michael., McKearn, J. Patrick. and Olins, P. Olafs.
Recombinant human interleukin-3 (IL-3) multiple mutation
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                                                                                                                                                                                                                                                                                                       Mice homozygous for an inactivated .alpha.
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Location/Qualifiers
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llarity 85.0%;
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US 5849991-A 6 15-DEC-1998;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                      GI:10006984
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Pred. No. 1.9e+03;
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Best Local Similarity 85.0%;
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                                                       Unclassified.
1 (bases 1 to 23)
1 (bases 1 to 23)
Plevy,S.E., Targan,S.R., Taylor,K. and Barry,M.J.
Plevy,S.E., Targan,S.R., Taylor,K. and Barry,M.J.
Methods of diagnosing clinical subtypes of crohn's disease with characteristic responsiveness to anti-Th1 cytokine therapy Patent: US 6183951-A 6 06-FEB-2001;
Location/Qualifiers
                                                                                                                                                                                                                     Sequence 6 1
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AR128067.1
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Methods of diagnosing a medically rulcerative colitis
Patent: US 5968741-A 6 19-OCT-1999;
Location/Qualifiers
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Plevy.S.E., Rotter,J.I., Targan,S.R., Toy
Methods of screening for Crohn's disease
                                                                                                                                                                                   Unknown.
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Sequence 6 from patent US
AR093700
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Location/Qualifiers
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                                                /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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OS Artificial Sequence
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PN JP 2002525118-A/4
PD 13-AUG-2002
PF 13-SEP-1999 JP 2000572377
PF 13-SEP-1999 GB 9820970.3
PI NICOLA MARY ROBERTSON, JACQUELINE ANN MARY PAINE, IAN JEPSON
A01H1/00, C12N5/10, C12N15/09, C12N15/00, C12N5/00 CC Description
                                       l Similarity
17; Conserv
                                                                                                                                   Interleuken-3 (IL-3) human/murine hybrid polypeptides recombinant production of the same Patent: US 5501962-A 1 26-MAR-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                  Sequence 1 from patent US I18929
                                                                                                                                                                                         Braford-Goldberg, S.R., Easton, A.M., Klein, B.K., McKearn, J.P. and Olins, P.O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Robertson, N.M., Paine, J.A.M. and Jepson, I. Plant promoter Patent: JP 2002525118-A 4 13-AUG-2002;
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JP 2002525118-A/4.
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Location/Qualifiers
                                                                                          /mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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I35812
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Bauer, S.Christopher., Abrams, M.A., Braford-Goldberg, S.R.,
Bauer, S.Christopher., Abrams, M.A., Braford-Goldberg, S.R.,
Caparon, M.H., Easton, A.M., Klein, B.K., McKearn, J.P., Olins, P.,
Paik, K. and Thomas, J.W.
Interleukin-3 (IL-3) multiple mutation polypeptides, recombinar production of the same, and corresponding therapeutic methods
Patent: US 5604116-A 1 18-FEB-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 23)
Braford-Goldberg, S.R.,
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Unknown
                       I68756.1
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Location/Qualifiers
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/mol_type="unassigned DNA"
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                       GI:2830878
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AR223444/c
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            Unclassified.

1 (bases 1 to 23)

1 (bases 1 to 23)

Detera-Wadleigh, S.D., Yoshikawa, T., Sanders, A.R. and Esterling, L.E.

Polynucleotides encoding IMP.18p myo-inositol monophosphatase and

methods of detecting said polynucleotides

Patent: US 645852-A 39 01-OCT-2002;

Location/Qualifiers
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AR233410
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1 (bases 1 to 23)

1 (bases 1 to 23)

1 abrams, M. Allen., Braford-Goldberg, S.Ruth., Bauer, S. Christopher., Abrams, M. Allen., Braford-Goldberg, S.Ruth., Caparon, M. Helena., Easton, A. Michael., Klein, B. Kure., McKearn, J. Patrick., Olins, P., Paik, K., Polazzi, J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 23)
Bauer, S.C., Abrams, M.A.,
Easton, A.M., Klein, B.K.,
Thomas, J.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AR223444
Sequence 1 from patent US
AR223444
                                                                                                                                                     Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Methods of ex-vivo expansion of hematopoietic cells using interleukin-3 (IL-3) multiple mutation polypeptides Patent: US 6440407-A 1 27-AUG-2002;
                                                                                                                                                                                                 AR233410.1 GI:27276001
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llarity 85.0%;
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/organism="unknown"
/mol_type="genomic DNA"
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McKearn, J.P., Olins, P.O.,
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O., Paik,K. an
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AR253354/c
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AR234759/c
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Bauer, S.C., Abrams, M.A., Braford-Goldberg, S.R., Caparon, M.H., Easton, A.M., Klein, B.K., McKearn, J.P., Olins, P., Paik, K., Polazzi, J. and Thomas, J.W.
Methods of using interleukin-3 (IL-3) mutant polypeptides for ex-vivo expansion of hematopoietic stem cells
Patent: US 6479261-A 1 12-NOV-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                 Sequence 1 from patent US
AR253354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 23)
Bauer,S.C., Abrams,M.A., Bradford-Goldberg,S.R., Caparon,M. Easton,A.M., Klein,B.K., McKearn,J.P., Olins,P., Paik,K. an Thomas,J.W.
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Patent: US 6458931-A 1 01-OCT-2002;
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AR234759
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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RESULT 1812 AR287812/c

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AR367696/c
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AX038432/c
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                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 23)

1 (bases 1 to 23)

Taylor, K.D., Rotter, J.I. and Yang, H.
Taylor, K.D., Rotter, J.I. and Yang, H.
Wethods of using a major histocompatibility complex class haplotype to diagnose Crohn's disease haplotype to diagnose Crohn's disease Patent: US 6376176-A 24 23-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 24
AR367696
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17; Conserv
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Plevy, S.E., Rotter, J.I., Targan, S.R., Toyoda, H. and Yang, H.
Methods of screening for Crohn's disease using TNF microsatellite
alleles
              De Canck,I.D., Rossau,R. and Rombout,A.
Method for the amplification of hla class i alleles
Patent: WO 0061795-A 189 19-CCT-2000;
CANCK ILSE DE (BB) , ROSSAU RUDI (BE) ; INNOGENETICS
                                                                                                                                                                Sequence 189 from Patent AX038432
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AR287812
                                                                                                           Homo sapiens
    ROMBOUT ANNELIES
                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                       Homo sapiens (human)
                                                                                                                                                    AX038432.1 GI:11227780
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llarity 85.0%;
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/mol_type="genomic |
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/mol_type="genomic DNA"
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Sequence 24 from Patent
AX098587
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DSM N.V.
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Protein hydrolysates enriched in peptides l
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Patent: WO 0120036-A 24 22-MAR-2001;
CEDARS-SINAI MEDICAL CENTER (US)
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                                                                                                                                                  proline residue
Patent: WO 0245524-A 13 13-JUN-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                /organism="synthetic c
/mol_type="unassigned
/db_xref="taxon:32630"
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Pred. No. 1.9e+03;
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Sequence 7 from Patent WO03002604.
AX675171
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                                                Homo sapiens (human)
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Patent: WO 0245523-A 13 13-JUN-2002;
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synthetic construct
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AX481218
Bhatia, U., Jones, C.E., Bouhelal, R., Seuwen, K. and Tenaillon, L.
                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae
                                                                                     AX675171.1 GI:29333413
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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AX696384/c
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                                                                                                             Bauer, S.C., Abrams, M.A., Braford-Goldberg, S.R., Cap
Easton, A.M., Klein, B.K., Mckearn, J.P., Olins, P.O.,
Polazzi, J.O. and Thomas, J.W.
Interleukin-3 (il-3) mutant polypeptides
Patent: EP 1283264-A 1 12-FEB-2003;
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Sequence 1 from Patent EP1283264.
AX696384
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Sequence 21 from Patent WO03006662.
AX683790
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                                                                                                                                                                                                 unclassified
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ilarity 85.0%;
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                       /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/noce="Site"
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/mol_type="unassigned DNA"
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nes 17; Conserv
                                                                                   PI SATOSHI KOIZUMI, HIROSHI NAGANO, TETSUO ENDO, KAZUHIKO TABATA, PI AKIO OZAKI

PC C12R1:15),
PC C12R1:15),
PC C12R1:15),
PC (C12N1/21, C12R1:19), (C12P19/32// (C12R1:15), (C12P1/21, PC (C12N1/21, C12R1:19), (C12P19/32, C12R1:15), (C12P1/21, PC (C12N1/21, C12R1:15))
PC (C12N15/00, C12R1:15)
CC Descript:
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                                                                                                                                                                                                                  synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 24)
Koizumi,S., Nagano,H., Endo,T., Tabata,K. an
Process for producing GDP-fucose
Patent: JP 2001112488-A 5 24-APR-2001;
KYOWA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN JP 2001112488-A/5
PN JP 2001112488-A/5
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Sequence 5 from Patent EP1076096.
AX137661
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Process for producing gdp-fucose
Patent: EP 1076096-A 5 14-FEB-2001;
KYOWA HAKKO KOGYO CO., LTD. (JP)
Location/Qualifiers
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JP 2001112488-A/5.
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                                      /organism='Artificial
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/organism="synthetic construct"
/mol_type="genomic DNA"
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3109 AAGACTCATGCTTGACAGCT 3128
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BD102621.1 GI:22648195
WO 0177313-A/8.
1 (bases 1 to 24)
Endo, T. and Koizumi, S.
Alpha-1, 2-fucosyltransferase and process for produci fucose-containing complex carbohydrate patent: WO 0.177313-A 8 18-OCT-2001;
KYOWA HAKKO KOGYO CO LTD, TETSUO ENDO, SATOSHI KOIZUMI OS Artificial Sequence
                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
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PF 20-DEC-2000 WO 2000JP009033

PR 21-DEC-1999 JP 99P 362243

PI TETSUO ENDO, SATOSHI KOIZUMI, KAZUHIKO TABATA, AKIO OZAKI PC C12N15/09, C12N1/21, C12N9/10, C12P19/18//(C12N1/21, C12R1:19) CC Description of Artificial Sequence: Synthetic DNA FH Key
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Endo, T., Kolzumi, S., Tabata, K. and Ozaki, A.
Endo, T., Kolzumi, S., Tabata, K. and Ozaki, A.
Improved alpha 1,2-fucosyltransferase gene, production of alpha 1,2-fucosyltransferase and fucosylated oligosaccharides
Patent: WO 0146400-A 22 28-JUN-2001;
KYOWA HAKKO KOGYO CO LTD, TETSUO ENDO, SATOSHI KOIZUMI, KAZUHIKO
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Improved alpha 1,2-fucosyltransferase gene, production of alpha
1,2-fucosyltransferase and fucosylated oligosaccharides.
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WO 0146400-A/22.
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WO 0146400-A/22
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Location/Qualifiers
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/db_xref="taxon:32630"
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85.0%; Pred. No. 2e+03;
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Sequence
AR084542
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Sequence 3 from Patent WO9733897.
A65825
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Matson, R.S., Coassin, P.J., Rampal, J.B.
Oligonucleoctide repeat arrays
Patent: US 5981185-A 31 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ហ
Patent: WO 9733897-A 3 18-SEP-1997;
CONSIGLIO NAZIONALE RICERCHE (IT)
Other publication AU 2155497 19971001.
Location/Qualifiers
                                                      Garbesi, A.M., Bonazzi, S., Zanella, S., Capobianco, M.L., Giannini, G
Arcamone and Federico.
OLIGONUCLEOTIDE-ANTHRACYCLINE AND OLIGONUCLEOTIDE-ANTHRACYCLINONE
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                                             CONJUGATES:
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11-OCT-2001
11-APR-2001 WO 2001JP003109
11-APR-2000 JP 00P 109148
TETSUO ENDO, SATOSHI KOIZUMI
C12N15/09,C12N9/10,C12P19/18//(C12N15/09,C12R1:01),(C12N15/09,C12R1:01)
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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US 5981185.
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Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Synthons for synthesis of oligonucleotide N3-P5 phosphoramidates
Patent: US 5859233-A 3 12-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 9733897-A 5 18-SEP-1997;
CONSIGLIO NAZIONALE RICERCHE (IT)
Other publication AU 2155497 19971001.
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Sequence 5 from Patent WO9733897.
A65827
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Arcamone and Federico.
OLIGONUCLEOTIDE-ANTHRACYCLINE AND OLIGONUCLEOTIDE-ANTHRACYCLINONE
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Sequence 3 from patent US
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 1.1e+03;
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Nichbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N., Nelson, J.S. and Schultz, R.G.

Synthons for synthesis of oligonucleotide N3-P5 phosphoran Synthons for synthesis of oligonucleotide N3-P5 phosphoran Patent: US 5859233-A 4 12-JAN-1999;

Patent: US 5859233-A 4 12-JAN-1999;

Location/Qualifiers
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                                                                                                                                                                                                                                                                                      Process for preparing polynucleotides on tightly packed bed Patent: US 5869643-A 10 09-FEB-1999; Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Chatelain, F. and Kumarev, V.
                                                                  AR034898
Sequence 16 from patent
AR034898
AR034898.1 GI:5950503
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Chatelain, F. and Kumarev, V.
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/mol_type="unassigned DNA"
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Patent:
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Hirschbein,B.L., Fearon,K.L., Gryaznov,S.M., McCt
Nelson,J.S. and Schultz,R.G.
Solid phase synthesis of oligonucleotide N3'-P5'
Patent: US 5824793-A 3 20-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unclassified.
1 (bases 1 to 15)
Leclerc,G. and Martel,R.
Radiolabeled DNA oligonucleotide and
Patent: US 5821354-A 2 13-OCT-1998;
Location/Qualifiers
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1.1e+03;
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PAT

29-SEP-1999

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McCurdy, S.N.,

PAT 29-SEP-1999

phosphoramidates

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Gaps

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AR056158
           Unclassified.

1 (bases 1 to 15)

Grimm, S., Etinchcomb, D.T., McSwiggen, J., Sullivan, S. Draper, K.G.
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 361 from patent AR056157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N., Nelson, J.S. and Schultz, R.G. Solid phase synthesis of oligonucleotide N3'-P5' phosphoramidates Patent: US 5824793-A 4 20-OCT-1998;
                                                          Unknown
                                                                                           AR056158.1 GI:5981735
                                                                                                                                                                                                                                                                                                          Unknown
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
                                                                    Unknown.
                                                                                                                           AR056158
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+
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                                                                                                            Unclassified.
1 Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Oligonucleotide repeat 09-NOV-1999;
Patent: US 5991185-A 5 09-NOV-1999;
Location/Qualifiers
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                      4464 TTTTTTTTTTTTT 4478
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Sequence 5
AR080676
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Pecker,I., Vlodavsky,I. and Feinstein,E.
Polynucleotide encoding a polypeptide having
and expression of same in transduced cells
patent: US 5968822-A 5 19-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: US 5837542-A 362 17-NOV-1998;
Location/Qualifiers
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AR084516
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Unclassified.
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/mol_type="unassigned DNA"
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RESULT 1839

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AR084518
                               1 (bases 1 to 15)
Dellinger,D.J., Dahm,S.C., Ilsley,D.D.,
Hybridization assay signal enhancement
Patent: US 6103474-A 4 15-AUG-2000;
Location/Qualifiers
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                                                                                                                                                                                                                                                      l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                            Matson, R.S., Coassin, P.J., Rampal, J.B. Oligonucleotide repeat arrays Patent: US 5981185-A 9 09-NOV-1999, Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 15)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonuclectide repeat arrays
Patent: US 5981185-A 7 09-NOV-1999;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
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             organism="unknown"
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Sequence 36:
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Sequence
AR113915
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
Draper,K.G.
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
                                       l Similarity
15; Conserv
                                                                                                            Ribozyme treatment of diseases or conditions intercellular adhesion molecule-1 (ICAM-1) Patent: US 6132967-A 362 17-OCT-2000; Location/Qualifiers
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                                      0.2%; Silarity 100.0%; Conservative 0;
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/mol_type="unassigned DNA"
                                                                             /mol_type="unassigned DNA"
                                                                                        organism="unknown"
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AR121808/c
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AR170375/c
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Wang, J.H.
Antiviral anticancer poly-substituted phenyl derivatized Antiviral anticancer poly-substituted phenyl derivatized oligoribonucleotides and methods for their use Patent: US 6291438-A 1 18-SEP-2001;
Location/Qualifiers
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Unknown.
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AR121806
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Sequence 1 from patent US
AR170375
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Garbéel, A.Maria., Bonazzi, S., Zanella, S., Capobianco, M.Luigi., Giannini, G. and Arcamone, F.
Oligonucleotide-anthracycline and oligonucleotide-anthracyclinone
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Sequence 5 from patent US
AR121808
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Garbesi, A.Maria., Bonazzi, S., Zanella, S., Capobianco, M.Luigi.,
Giannini, G. and Arcamone, F.
Oligonucleotide-anthracycline and oligonucleotide-anthracyclinone
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Patent: US
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ilarity 100.0%;
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/mol_type="unassigned DNA"
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                                                unclassified
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E12591.1 GI:3251423
II2591.1 GI:3251423
JP 1997028381-A/8.
unidentified
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OC Artificial sequences.
PN UP 1994335389-A/7
PD 06-DEC-1994
PF 27-MAY-1993 UP 1993126286
PF TEI ITSUIRU, NAKADA KENGO, ITO TORU, HORIUCHI HIROYU
OTA AKINORI, MASAMICHI, TSUBURA HIROKAZU, TANAKA HIROSHI,
PI TAKAGI MASAMICHI, TSUBURA HIROKAZU, TANAKA HIROSHI,
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Similarity 100.0%; Pred. No. 1.1e+03;
15; Conservative 0; Mismatches 0:
(bases 1 to 15)
i,I., Minami,K. and Takagi,M.
RIBONUCLEASE GENE AND PROMOTER SEQUENCE
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 1.1e+03;
ive 0; Mismatches 0;
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TEI ITSUKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI
OS None
OC Artificial sequences.
PN JP 1997028381-A/8
PD 04-FEB-1997
PF 24-JUL-1995 JP 1995187557
PI TEI ITSUKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI PC C12N15/09,C07H21/04,C12N1/21//A01H1/00,C12N5/10,C12N9/22, PC (C12N1/21,
PC C12R1:19);
CC strandedness: Single;
CC topology: Linear;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
FH Source 1. 15
FT source 1. 15
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  Unknown.
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1 (bases 1 t
                                                                             I38641
Sequence 1 from patent
I38641
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                                        Unknown.
                                                                I38641.1
                                                                                                                                                                                                                                                                                                            Patent: US 5576427-A 6 19-NOV-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                   Acyclic nucleoside analogs and oligonucleotide
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Cook, P.D., Delecki, D.J. and Guinosso, C.
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Location/Qualifiers
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                    organism="unknown"
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Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Use of nucleic acid analogues in diagnostics and a
                                                                                                                                                                                                                                                          AR200477 15 bp
Sequence 20 from patent US 6357163.
AR200477 . AR200477.1 GI:20251365
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Buchardt,O., Egholm,M., Nielsen,P.E. and
Use of nucleic acid analogues in diagnost
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AR200476
AR200476.1 GI:20251364
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Nuclease resistant, pyrimidine modified oligonucleotides
detect and modulate gene expression
Patent: US 5614617-A 1 25-MAR-1997;
                                                                                                                              Patent: US 6357163-A 20 19-MAR-2002;
Location/Qualifiers
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Location/Qualifiers
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Unclassified.
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                                                                                       /mol_type="unassigned DNA"
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                                                                                                     organism="unknown"
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/mol_type="unassigned DNA"
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100.0%; Pr
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100.0%; Pred. No.
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                                                 Score 15; DB 1; L; Pred. No. 1.1e+03;
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Pred. No.
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PAT 20-APR-2002

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DEFINITION ACCESSION VERSION KEYWORDS

SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

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RESULT 1855
AR371280
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AR222461/c
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
Unknown.
Unknown.
Unclassified.
1 (bases 1 to 15)
S Buchardt, O., Egholm, M., Niers.
Peptide nucleic acids
Peptide nucleic 474-A 17 28-MAY-2002;
                                                                                                                                                                                                                                                                    4464
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1 (bases 1 to 15)

1 (bases 1 to 15)

Kurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Peptide ucceptor 13 1 06-AUG-2002;

Patent: US 6429300-A 21 06-AUG-2002;

Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                         Unknow...
Unclassified.
Unclassified.
1 (bases 1 to 15)
McClelland,M., Welsh,J. and Trenkle,T.
McClelland exity nucleic acid targets and methods
Reduced complexity nucleic acid targets and methods
Patent: US 6495319-A 68 17-DEC-2002;
Location/Qualifiers
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AR266630
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                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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100.0%; Pred. No. 1.1e+03;
Live 0; Mismatches 0;
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100.0%; Pred. No. 1.:
tive 0; Mismatches
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US 6395474.
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                                                                    Berg, R.H.
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AR371281/c
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                 Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
Monforte, J. A., Becker, C.H., Pollart, D.J. and Meleasable nonvolatile mass label molecules Patent: US 6635452-A 9 21-OCT-2003;
Location/Qualifiers
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AR410213
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1 (bases 1 to 15)
Buchardt.O, Egholm.M., Nielsen,P.E.
Peptide nucleic acids
Patent: US 6395474-A 18 28-MAY-2002;
Location/Qualifiers
1. 15
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AR371281
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/mol_type="genomic
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Method for isolating anionic organic substances from aqueous
systems using cationic polymer nanoparticles
Patent: WO 9910527-A 6 04-MAR 1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
                                                                                                          AX048407 15 bp
Sequence 6 from Patent W00071747.
AX048407
AX048407.1 GI:12225571
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Sequence 4 from Patent WO0028046.
AX026066
Boekenkamp,D., Hoppe,H.U. and Burgstaller,P. Detection system for separating constituents
                                                           synthetic construct synthetic construct
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Patent: WO 0028046-A 18-MAY-2000;
NESTLE SA (CH); MARRACCINI PIERRE (FR);
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 1.1e+03;
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Patent: WO 0071747-A 6 30-NOV-2000;
Aventis Research & Technologies GmbH & Co.
Location/Qualifiers
                                                                           Patent: EP 1111068-A 3 27-JUN-2001;
LION Bioscience AG (DE); VBC Genom
Location/Qualifiers
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                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="(NH2-C6-ttt)2-branch-"
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/mol_type="unassigned DNA"
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AX127273
AX127273.1 GI:14133347
                                                                                             Patent: WO 0146464-A 3 28-JUN-2001;
LION Bioscience AG (DE)
                                                                                                                                     Huber, M., Schmidt, W., Mueller, M. and Hiller, R. Branched compound for use in nucleic acid dete
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Bioscience AG (DE) ; VBC Genomics
Location/Qualifiers
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/note="stem of branched oligonucleotide - base 1
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/db_xref="taxon:32630"
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="stem of branched oligonucleotide - b:
modified-Modification is (dT-COOH)2-branch-'
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 3 from Patent WO02066675.
AX525143
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Patent: WO 02066675-A 1 29-AUG-2002;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften
Location/Qualifiers
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                                                   AX633197.1 GI:28468811
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                                                                                          AX633197
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Patent: WO 0206675-A 3 29-AUG-2002;
Max-Planck-Gesellschaft zur Foerderung
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="lys-Digoxigenin"
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                                                                                                                      Sequence 6 from Patent WO03008643. AX696087
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Method and polynukleotides for assaying the activity of a
                 Hammonds, T.
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/db_xref="taxon:32644"
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& DEVELOPMENT LTD
OS Nucleic acid
PN JP 2001514855-
PD 18-SEP-2001
PF 31-AUG-1998 JP
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15; Conserv
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Method and reagent for inhibiting HBV viral replication Patent: EP 1288296-A 476 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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AX711176
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                                                                       Polynucleotide encoding polypeptide having heparanase expression of the polypeptide in induced cell Patent: JP 2001514855-A 5 18-SEP-2001; INSIGHT STRATEGY & MARKETING LTD, HADASIT MEDICAL RESE
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Pecker, I., Vlodavsky, I. and Elena, F.
                                                                                                                                                                                      unidentified
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JP 2001514855-A/5.
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JP 2001514855-A/5
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/note="Polynucleotide 6"
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PR 10-DEC-1996 US 60/033037,16-MAY-1997 US 60/046
PR 10-DEC-1996 US 60/033037,16-MAY-1997 US 60/046
POSEPH A MONTFORTE, CHRISTOPHER H BECKER, DANIEL J POLLART,
THOMAS A SHALER
PC C12Q1/68, G01N15/06, G01N33/53, G01N33/547 ~~~

B01D59/44,
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PC A61P43/
A61K39/395,
μ.
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synthetic construct
artificial sequences.

1 (bases 1 to 15)
Montforte,J.A., Becker,C.H., Pollart,D.J. and Shaler,T.A.
Releasable nonvolatile mass-label molecules
Patent: JP 2001524808-A 5 04-DEC-2001;
GENETRACE SYSTEMS INC
OS Artificial Sequence
PN JP 2001524808-A/5
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CC Polymucleotide encoding heparanase activity
CC and CC expression of the polype
CC expression of the polype
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Description of Artificial Sequence: oligo
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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RESULT 1876
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BD184668
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OS Artificial Sequence
PN JP 2002360271-A/647
PD J7-DEC-2002
PF 28-NOV-2001 JP 2001362595
PF 28-NOV-2001 JF 90110785
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI HAENG LEE,
I SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WEN SHI,
PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
C12Q1/70, G01N32/64,
PC G01N32/63, G01N33/574, G01N33/58, G01N37/00// (C12M1/34, C12R1:93),
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00// CC12M1/34, C12R1:93),
PC G01N33/53, G01N33/574, G01N33/578, G01N37/00// C12M1/34, C12R1:93),
PC G01N33/53, G01N33/574, G01N33/578, G01N37/00// CC12M1/34, C12R1:93),
PC G01N33/53, G01N33/574, G01N33/578,
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         OS Hepatit
PN JP 2002
PD 08-MAY-
PF 26-APR-
PR 27-APR-
25-FEB-1999
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1 (bases 1 to 15)

Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,

Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.

Method and detector for identifying subtypes of human papiloma

Patent: JP 2002360271-A 647 17-DEC-2002;

KING CAR FOOD INDUSTRIAL CO LTD
                                                                                                                               RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C
PN JP 2002512791-A/22
                                                                                                                                                                                                                        1 (bases 1 to 15)

latt, L., Mcswiggen, J.A., Roberts, E., Pavco, F
Enzymatic nucleic acid treatment of diseases
to hepatitis C virus infection
Patent: JP 2002512791-A 22 08-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Enzymatic nucleic acid treatment of diseases to hepatitis C virus infection.
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26-APR-1999 JP 2000545991
27-APR-1998 US 60/083217,18-SEP-1998
3B-1999 US 09/257808,23-MAR-1999 US
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Conservative 0;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 1.1e+03;
ive 0; Mismatches 0;
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09/274553 PI
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LAWRENCE BLATT, JAMES A
PAVCO,
PI DENNIS MACEJAK
PC C12N9/00, A61K31/7
PC C12N15/00
PC C12N15/00
CC Enzymatic nucleic
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PI I
PC
PC
CC
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RIBOZYME PHARMACCUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/3078
PD 08-MAY-2002
PF 26-APR-1999 JP 2000545991
                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 15)
Blatt, L., Roberts, E., Pavco, I
Enzymatic nucleic acid treatment of diseases
to hepatitis C virus infection
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BD209488.1 GI:33019258
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                 Similarity
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A61K37/66,
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27-APR-1998 US 60/0832
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                                                                                                            Location/Qualifiers
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                                                                   /organism="unidentified"
/mol_type="genomic RNA"
                                                       db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic RNA"
/db_xref="taxon:32644"
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100.0%; F1
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09/257608,23-MAR-1999 US 09/274553 PI
MES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
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               Score 15;
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                                                                                                                                     organism='Hepatitis
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AR221694
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Sequence 3
AR221693
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Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.B. and Covalently linked oligonucleotide minor groove Patent: US 6426408-A 4 30-UUL-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                               AR221694
Sequence 4 from patent US
AR221694
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Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.

Covalently linked oligonucleotide minor

Patent: US 6426408-A 3 30-UTL-2002;

Location/Qualifiers
           Unknown.
Unclassified
                                                               Sequence 5
AR221695
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/mol_type="genomic |
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/mol_type="genomic DNA"
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100.0%; Pred. No.
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Sequence 6 :
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Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 7 30-JUL-2002;
Location/Qualifiers
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Rutyavin, I.V., Lukhtanov, B.A., Gamper, H.B. and Meyer, R.B. Jr.
Rutyavin, I linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 6 30-JUL-2002;
Location/Qualifiers
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Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 5 30-JUL-2002;
Location/Qualifiers
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Sequence 3 from
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Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.B. and Covalently linked oligonucleotide minor groove Patent: US 6486308-A 3 26-NOV-2002;
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Kutyavin, I.V., Lukhtanov, B.A., Gamper, H.
Covalently linked oligonucleotide minor
Patent: US 6426408-A 8 30-JUL-2002;
                            1 (bases 1 to 16)
Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.
Covalently linked oligonucleotide minor
Patent: US 6486308-A 4 26-NOV-2002;
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Kutyarin, I.V., Lukhtanov, E.A., Gamper, H.

Covalently linked oligonucleotide minor

Patent: US 6486308-A 5 26:NOV-2002;
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Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.B. and Covalently linked oligonucleotide minor groove Patent: US 6486308-A 6 26-NOV-2002;
Location/Qualifiers
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Unclassified.

(bases 1 to 16)

(bases 1, Lukhtanov, B.A., Gamper, H.B. and Meyer, R.B. Jr. Kutyavin, I.V., Lukhtanov, B.A., Gamper, H.B. and Meyer, R.B. Jr. Covalently linked oligonucleotide minor groove binder conjugates Patent; US 6486308-A 8 26-NOV-2002;

Patent: US 6486308-A 8 26-NOV-2002;
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Sequence
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1 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6486308-A 7 26-NOV-2002;
Location/Qualifiers
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Unknown.
                                                                              Vernet, C.A., Tchernev, V., Putturajan, M., Malyankar, U.M., Gusev, V., Herrmann, J.L., Macdougall, J.R., Rastelli, L., Zhong, H., Spytek, K.A., Shenoy, S., Gerlach, V.L., Gangolli, E.A., Stone, D.J. and Smithson, G. Novel polynucleotides and polypeptides encoded thereby Patent: WO 0200691-A 64 03-JAN-2002; Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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ilarity 100.0%;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
                                                                ocation/Qualifiers
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100.0%; Pred. No. 1.:
vative 0; Mismatches
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synthetic construct

M synthetic construct

Artificial sequences.

E 1 (bases 1 to 17)

S Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obay Gunji,S., Obayashi,I., Imai,Y., No,N. and Ogawa,K.

Pollinosis-associated gene

L Patent: JP 2000106879-A 2 18-APR-2000;

GENOX RESEARCH INC

OS Artificial Sequence
PN JP 2000106879-A/2

PD 18-APR-2000
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1 (bases I to 17)

1 (bases I to 17)
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E34258.1 GI:18624
JP 2000106879-A/2.
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26-AUG-1999 JP 2000569015
07-SEP-1998 DE 198 40 731.9
DETLEF KOZIAN, BIRGIT REUNER
C12Q1/68,G01N33/58//A61K45/00,C12N15/09,C12N15/09,C12N15/00,
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ilarity 100.0%;
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Topology: Linear;

/note= 'M = A, C, G, T'

/note= 'M = A, Location/Qualifiers

Key
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 1894
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JP 2000106879-A/3.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              source
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MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
                                                                                                                                                                                                                                  /organism='Artificial Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conc
related to levels of vascular endothelial growth factor
Patent: US 6346398-A 2547 12-FEB-2002;
                               Unclassified.

1 (bases 1 to 17)
Gärner, H.R., Wren, J.D., Minna, J.D. and Polymorphic repeats in human genes Patent: US 6472154-A 118 29-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2552 12-FEB-2002;
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MCClelland,M., Welsh,J. and Trenkle,T.

MCClelland,M., Welsh,J. acid targets and methods of Reduced complexity nucleic acid targets and methods of Patent: US 6495319-A 63 17-DEC-2002;
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AR266625
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1071 20-MAY-2003;
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/mol_type="unassigned RNA"
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Method and reagent for the inhibition of channel-1 (clca-1)
Patent: WO 0211674-A 2114 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); SynThompson, James (US)
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1076 20-MAY-2003;
Thompson, J., Mcswiggen, J., and Grupe, A.
Method and reagent for the
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Sequence 2115 from Patent
AX580277
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Sequence 2114 from Patent
AX580276
                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                      Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned RNi
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
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100.0%; Pred. No. 1.3e+03;
tive 0; Mismatches 0;
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    activated chloride
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                              Szymkowski, D.E.
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                                                                         Euteleostomi;
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TITLE
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TITLE
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Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 0;
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Sequence 5260 from Patent
AX692528
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Patent: WO 0211674-A 2115 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US)
Thompson, James (US)
                                                                                                 Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                                            Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                    AX692528.1 GI:29415486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent: WO 03004526-A 1412 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                         Patent: EP 1281758-A 5260 05-FEB-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
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15; Conserv
w
                                                                                                                                                                           Human prostate cancer candidate protein Patent: WO 03050284-A 2341 19-JUN-2003; Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                       BD011730
795, a novel gene related
BD011730
BD011730.1 GI:22091919
WO 0065050-A/2.
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AX784012
AX784012.1 GI:32951861
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AX784011
  synthetic construct synthetic construct
                                                                                                                                                                                                                                                                      Human prostate cancer candidate protein 1
Patent: WO 03050284-A 2343 19-UIN-2003;
Amersham Blosciences (SV) Corp. (US)
Location/Qualifiers
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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CC Descr
                                               synthetic construct synthetic construct
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artificial sequences.

1 (bases 1 to 17)

Nagssu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,

Sugita,Y., Matsui,Y., Yoshida,N., Ogawa,K., Matsui,K.,

Takahashi,E. and Yokoi,A.

Takahashi,E. and Yokoi,A.

795, a novel gene related to pollen allergy

L. Patent: WO 0065050-A 3 02-NOV-2000;

GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,

TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,

YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI

TAKAHASHI,AKIRA YOKOI

OS Artificial Sequence

WO 0065050-A/3

ED WO 0065050-A/3
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18 Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M., Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K., Takahashi, E. and Yokoi, A.

795, a novel gene related to pollen allergy
Patent: WO 0065050-A 2 02-NOV-2000)
Patent: WO 0065050-A 2 02-NOV-2000)
FADAHIKO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZIMI OBAYASHI, YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
TAKAHASHI, AKIRA YOKOI
OS ARTIFICIAL Sequence
PN WO 0065050-A/2
PD 02-NOV-2000
                      PI NEI YOSHIDA, TUNUI, JUNUI, JEUMI OBAYASHI, YUKIHO PI KAORU OGAWA, KEIKO MATSUI, BIKI TAKAHASHI, AKIRA YOKOI PC C12N15/12, C07K14/47, C07K16/18, C12Q1/68, G01N33/50//A61K31/00, A61P37/00
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PI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC
C12N15/12,C07K14/47,C07K16/18,C12Q1/68,G01N33/50//A61K31/00,
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                                                                                                                                    02-NOV-2000 WO 2000JP002734
26-APR-2000 WO 2000JP002734
27-APR-1999 JP 99P 120494
TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO
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27-APR-1999 JP 99P 120494
TAKESHI NAÇASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
Description of Artificial Sequence: Artificially Synthesized
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21 (bases 1 to 17)

22 (Sagsu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,

23 (Sunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K. and Matsui,K.

441, a novel gene related to pollen allergy

AL Patent: WO 0073435-A 2 07-DEC-2000;

GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,

TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,

YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI

OS Artificial Sequence

PO 0073435-A/2

PD 0073435-A/2

PD 07-DEC-2000

PF 18-MAY-2000 WO 2000JP003190

PF 18-MAY-1999 JP 99P 148783

PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,

PI MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,

PI KAORU OGAWA,KEIKO MATSUI

PC C12N15/10,C12Q1/68,G01N33/15,G01N33/50

CC Description of Artificial Sequence:Artificially Synthesized CC

CC Description of Artificial Sequence:Artificially Synthesized CC
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BD091743.1 GI:22637354
WO 0073435-A/3.
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artificial sequences.
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C12N15/10,C12Q1/68,G01N33/15,G01N33/50
Description of Artificial Sequence:Artificially Synthesized CC
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27-MAY-1999 JP 99P 148783
TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
MASAYA DBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 1.3e+03;
tive 0; Mismatches 0;
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4464 TTTTTTTTTTTTT
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Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K. and Matsui,K.
441, a novel gene related to pollen allergy
Patent: WO 0073435-A 3 07-DEC-2000;
GENOX RESEARCH INC,TAKESHI NAGASU,YUUI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNUI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI
OS Artificial Sequence
PN WO 0073435-A/3
PD 07-DEC-2000
                                                                                                                            PI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC C12N15/12, C12Q1/68, A61P37/08, A61K39/36, A61K45/00 CC Descriof Artificial Sequence: Artificially Synthesized CC Primer Sequence
FH Key Location/Qualifiers.
                                                                                                                                                                                                                                                                                                                                                                         465, a novel gene related to pollen allergy Patent: WO 0073439-A 2 07-DEC-2000; GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA, TADAHIKO OSHIDA,WASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI TAKAHASHI,AKIRA YOKOI OS Artificial Sequence PN WO 0073439-A/2
PD 07-DEC-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M., Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K., Takahashi,E. and Yokoi,A.
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27-MAY-1999 JP 99P 149784
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
MEI YOSHIDA,
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27-MAY-1999 JP 99P 148783
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
NEI YOSHIDA,
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C12N15/10,C12Q1/68,G01N33/15,G01N33/50
Description of Artificial Sequence:Artificially Synthesized
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/organism="synthetic construct"
/mol_type="genomic DNA"
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it (bases 1 to 17)

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synthetic construct synthetic construct artificial sequences. artificial sequences. 1 (bases 1 to 17)

Nagasu.T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M., Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K., Takahashi,E. and Yokoi,A.

787, a novel gene related to pollen allergy
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BD091773.1 GI:22637384
WO 0073440-A/2.
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FH Key
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WO 0073439-A/3.
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27-MAY-1999 JP 99P 148784
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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artificial sequences.

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S Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,
Takahashi,E. and Yokoi,A.

787, a novel gene related to pollen allergy
Patent: WO 0073440-A 3 07-DEC-2000;
GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,WASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,BIKI
TAKAHASHI,AKIRA YOKOI
TAKAHASHI,AKIRA YOKOI
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PN W0 0073440-A/2

PD 077-DEC-2000

PF 18-MAY-2000 WO 2000JP003192

PF 27-MAY-1999 JP 99P 148785

PI 77-MCHY-1999 JP 148785

PI 78-MAY-1999 JP 148785

PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMA

PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMA

PI KAORU OGAMA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC

C12N15/12, C12Q1/68, C12N5/08, C12N5/06, C07K14/415 CC Descriptic

Artificial Sequence: Artificially Synthesized CC Primer Sequen

FH Key Location/Qualifiers.
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GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
TAKAHASHI,AKIRA YOKOI
OS Artificial Sequence
PN WO 0073440-A/2
                                                                                                                                                                                                  PI NEI YOSHIDA,
KAORU OGAMA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC
C12N15/12, C12Q1/68, C12N5/08, C12N5/06, C07K14/4/15 CC Descrit
Artificial Sequence Artificially Synthesized CC Primer Sec
FH Key Location/Qualifiers.
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787, a novel gene related
BD091774
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         Conservative
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27-MAY-1999 JP 99P 148785
TAKSSHI NAQASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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27-MAY-1999 JP 99P 148785
TAKESHI NACASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
                                                                                                                                                                                                                                                                                                                                                                                                                                Artificial Sequence
WO 0073440-A/3
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                                                                                                                                                                                    Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
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0.2%; Scu
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      ; Score 15; DB
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0; Mismatches
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INCE 1 (bases 1 to 17)

ORS Negasu, T., Oshida, T., Obayashi, I., Matsui, K. and Sait, H.

E Method for examination for allergosis

Patent: WO 0165259-A 6 07-SEP-2001;

GENOX RESEARCH INC, JARAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI, YUTAKA
FUJIKI, KAZUO FUKAWA, OSAMU KUDO TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI
OBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS Artificial Sequence
PN WO 0165259-A/
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
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CC Description.
Primer Sequence
Key
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Method for examination for allergosis

Method for examination for allergosis

Patent: WO 0165259-A 5 07-SEP-2001;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI, YUTAKA

FUJIKI, KAZUO FUKAWA, OSAMU KUDO TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI
OBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS ATTIFICIAL Sequence
PN WO 0165259-A/5
PD 07-SEP-2001
O7-SEP-2001 WO 2001JP001372
PF 02-MAR-2000 JP 00P 61832
PR 02-MAR-2000 JP 00P 61832
PR 17AKESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
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WO 0165259-A/5.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/db_xref="taxon:32630"
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      Query Match
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C12Q1/68,
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PF 23-FEB-2001 W0 2001JP001372
PF 23-FEB-2001 W0 2001JP001372
PR 02-MAR-2000 JP 00P 61832
PI TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PHIROHISA, SAITO
PC G011N33/53, C12Q1/68, C12N15/12, G01N33/15, A01K67/027, A61K39/395, PC A61P37/08
CC Description of Artificial Sequence: Artificially Synthesized C
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Tsujimoto,G. and Takahashi,E.
Method of examining allergic disease
Patent: WO 0224903-A 2 28-MAR-2002;
GENOX RESBARCH INC, JAPAN AS REPESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO,EIKI
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Method of examining allergic BD142808 1 GI:23237753
WO 0224903-A/2.
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1 (bases 1 to 17)
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23-FEB-2001 WO 2001JP001372
23-FEB-2000 JP 00P 61832
TAKESHI NAGASU,TADAHIRO OSHIDA,IZUMI OBAYASHI,KEIKO MATSUI, PI
                                                                                                                                                                                                                                                                                                  G01N33/15,
G01N33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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C12N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21-SEP-2001 WO 2001JP008246
25-SEP-2000 JP 00P 291318
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WO 0224903-A/2
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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DB 1;
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Matches 15; Conserv
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Best Local
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                                                                                                                                                                                                            4464 TITTTTTTTTTTT 4478
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 OGAWA, TOMOKO FUJ
TAKAHASHI
OS Artificial
PN WO 0224903-
PD 28-MAR-2002
PF 21-SEP-2010
PR 25-SEP-2010
PR 25-SEP-2010
PR 25-SEP-2000
PR 7UJI SUGITA
TAKESHI NAGASU
PI GOZO TSUJIM
PC C1201/68,
PC A01K67/027,
PC A01K67/027,
PC G01N33/5,
PC G01N33/5,
PC G01N33/5,
PC G01N33/5,
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Method of
BD142809
                                                    17
Method of examining allergic
BD143834
BD143834.1 GI:27849592
JP 2002095500-A/2.
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Method of examining allergic disease
Patent: WO 0224903-A 3 28-MAR-2002;
Patent: WO 0224903-A 3 28-MAR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO, EIKI
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                          synthetic construct synthetic construct
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artificial sequences.
1 (bases 1 to 17)
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WO 0224903-A/3.
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                                                                                                                                                                                                                                                      Similarity
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1 (bases 1 to 17)
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                                                                                                                                                                                                                                                                                                                                                                                                sequence
Key
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G01N33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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WO 0224903-A/3
WO 0224903-A/3
E-0022
SEP-2000 WO 2001JP008246
25-SEP-2000 JP 00P 291318
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA,
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C12N15/09, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02,
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                                                                                                                                                                                                                                                                                            organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                    100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers
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                                                                                              disease.
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disease.
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BD143835
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4464 TITTITTTTTTTT 4478
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PC C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N5/10 PC
CC7K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N5/10 PC
CC12N15/09, C12P21/02, G01N33/15, G01N33/50//C12P21/08, C12N5/00, C12N15/00
CC C12N15/00
CC Description of Artificial Sequence:an artificially synthesi
    C12N15/00
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                                                                                                                  C07K14/47,
PC C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/
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(bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M.,
Tsujimoto,K.
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PF 25-SEP-2000 JP 2000291316
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU
TAKESHI NAGASU,
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Description of Artificial Sequence: an artificially synthesized
                                                                                                                                                                                                                                                                                                                                                                                                           YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 1.3e+03;
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OS Artificial
PN WO 0223122-
PD 25-APR-2002
PF 11-OCT-2001
PF 13-OCT-2001
PR 13-UT-2001
PR 13-UT-2001
PR 13-UT-2001
PR 13-UT-2001
PR 13-UT-2001
PR 13-UT-2001
PR 20168, CT-20168, 
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SAITO, EIKI TAKAHASHI
OS Artificial Sequence
EN WO 0233122-A/2
PD 25-APR-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              artificial sequences.

1 (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T., and Takahashi, E.
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Patent: WO 0231122-A 2 25-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL
NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI S
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synthetic construct
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WO 0233122-A/2.
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13-OCT-2000 JP 00P 314093
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI,
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C12Q1/68, C12N15/09, G01N33/53, G01N33/50, C12Q1/02, A61K48/00,
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Description of Artificial Sequence:an artificially synthesized
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 1.3e+03;
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SUGITA, RYOICHI
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L patent: WO 0233122-A 3 25-APR-2002;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRI
NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGII
HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIF
SAITO, EIKI TAKAHASHI
OS Artificial Sequence
PN WO 0233122-A/3
PF 11-OCT-2001 WO 2001JP008937
PF 11-OCT-2000 JP 00P 314093
PR 13-OCT-2001 WO 2001JP008937
PR 13-OCT-2001 WO 2001JP008937
PR 13-OCT-2001 WO 2001JP008937
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synthetic construct
artificial sequences.
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PC C12Q1/6
A61K39/395,
                                                 Method of examining allergic disease Patent: WO 0226962-A 6 04-APR-2002; GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREM'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANAGA YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, HIROHISA SAITO
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PN W0 0233122-A/3
PD 25-APR-2001
PF 11-CCT-2001 W0 2001JP008937
PR 13-CCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU,
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1 (bases 1 to 17)
Sugita,Y., Hashida,R.,
and Takahashi,E.
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Method for examination of
                                                                                                                                                                         Sugita, Y., Hashida, R., Ogawa, K.,
                                                                                                                                                                                                                                                                WO 0226962-A/6.
                                                                                                                                                                                                                                                                                BD167907.1 GI:27873719
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Artificial Sequence
WO 0226962-A/6
04-APR-2002
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Description of Artificial Sequence:an artificially synthesized
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C12Q1/68,C12N15/09,G01N33/53,G01N33/50,C12Q1/02,A61K48/00,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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1.3e+03;
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Method of examining allergic disease

Patent: WO 0226962-A 7 04-APR-2002;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANAGA YUJI

SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI

NAGASU, HIROHISA SAITO

OS Artificial Sequence
PN WO 0226962-A/7

PP 04-APR-2002

PF 21-SEP-2001 WO 2001JP008247

PR 26-SEP-2000 JP 00P 293021

PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI

TAKESHI NAGASU,

PI HIROHISA SAITO

PC C12N15/9,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02, PC

C12Q1/68,
PC G01N33/15,
PC G01N33/50/C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)

PC G01N33/50/C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
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BD167908
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PR 26-SEP-2000 JP 00P 293021
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, P
TAKESHI NAGASU,
PI HIROHISA SAITO
PC C1201/68,
C1201/69, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02,
C12Q1/68,
PC A01K67/027, A61K31/713, A61K45/00, A61K48/00, A61P17/00, A61P37/
PC G01N33/15, C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:9
PC G01N33/50/C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    artificial sequences.
1 (bases 1 to 17)
Sugia,Y., Hashida,R., Ogawa,K., Fujishima,T.,
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Key
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G01N33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
                                                                                                                                                                                                                    G01N33/15,
G01N33/50//C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91)
                                                                               source
                                                                                                                          sequence
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/organism='Artificial Sequence'
Location/Qualifiers
.1. .17
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                  Location/Qualifiers
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                                                                                                                                                                                                artificially synthesized
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RESULT 1927
BD168112
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AUTHORS
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ORGANISM
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BD168111
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Best Local Similarity
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Best Local
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Patent: WO 0233069-A 18 25-APR-2002;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSEITAL, TONOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO OS ARTIFICIAL SEQUENCE
PN WO 0233069-A/18
PD 25-APR-2002
PF 28-SEP-2001 WO 2001JP008574
PR 13-CCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15;
Method for examination for allergosis.
BD168112
BD168112 GI:27873924
WO 0233069-A/19.
synthetic construct
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PC C12N15
A61K39/395,
PC C07K14
CC Descri
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1 (bases 1 to 17)
1 (bases 1, to 17)
2 jin, Y., Hashida, R., Ogawa, K., Obayashi, M.,
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28-SEP-2001 WO 2001JP008574
13-OCT-2000 JP 00P 314093
YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI,
                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description of Artificial Sequence: an artificially synthesized
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                                                                                                                                                                                                                                                                                   /organisma"synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No.
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KEYWORDS
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BD171177
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JOURNAL
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JOURNAL
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AUTHORS
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Patent: WO 0233069-A 19 25-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, TOMOYUKI FURASAWA, CHUHEI NOJIRI, NOBUO
MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
OS ARLIficial Sequence
PN WO 0233069-A/19
PP 25-APR-2001
PF 13-OCT-2001 WO 2001JP008574
PF 13-OCT-2000 JP 00P 314093
PR 13
                                                                                                     Tsujimoto,G.

Method of examining allergic disease
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, WASAMICHI TAKAGI,AKINORI OTA YOSHIKO
MATSUMOTO, YUKHO IMAI,TADAHIRO OSHIDA,YUJI SUGITA, TAKESHI NAGASU,
GOZO TSUJIMOTO
OS Artificial Sequence
PN WO 0250269-A/2
PD 27-JUN-2002
PD 27-JUN-2002
PD 27-JUN-2001 WO 2001JP011286
PR 21-DEC-2001 WO 2001JP011286
PR 21-DEC-2000 JP 00P 389476
PI YOSHIKO MATSUMOTO,YUKIHO IMAI,TADAHIRO OSHIDA,YUJI SUGITA, PI
TAKESHI NAGASU,
PT TAKESHI NAGASU,
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Method of examining allergic
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1 (bases 1 to 17)

Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T.
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1 (bases 1 to 17)
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WO 0250269-A/2.
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GOZO TSUJIMOTO
C12N15/11,C07K16/18,A61K67/027,A61K31/711,A61K45/00,A61K48/00
A61P37/08,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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OS ARTLÍCIA1
PN WO 0250269-
PD 27-JUN-2002
PF 21-DEC-2001
PR 21-DEC-2000
PI YOSHIKO MATI
TAKESHI NAGASU
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                                                                                                                                                                      Method of examining allergic disease Patent: WO 0250269-A 3 27-JUN-2002; GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI, AKINORI OTA YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                artificial sequences.
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Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T.
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Artificial Sequence
                                                 Conservative 0;
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Description of Artificial Sequence:'GT15C',
synthesized
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Description of Artificial Sequence:'GT15A',
synthesized
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21-DEC-2000 JP 00P 389476
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                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence
AR121115
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1 (bases 1 to 18)
Jun, N., Yusuke, N. and Toshihiro, T.

Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 16 08-FEB-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Monia, B.P. and Coweert, L.M.
Monia, B.P. and Coweert, L.M.
Antisense modulation of Smad7 expression
Patent: US 6159697-A 11 12-DEC-2000;
Location/Qualifiers
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C12N5/00, C12N15/00, (C12N5/00, C12R1:91)
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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Artificial Sequence
JP 2000037190-A/16
                                                                                        Conservative
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
                                                                                                                                                                                                organism="synthetic construct"
/mol_type="genomic DNA"
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PC C12N1
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1 (bases 1 to 18)

1 (bases 1 to 18)

1 (n., Yusuke, N. and Toshihiro, T. Mammal-derived tissue specific physiologically active Patent: JP 2000037190-A 19 08-FEB-2000;

JAPAN TOBACCO INC
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synthetic construct
artificial sequences.

1 (bases 1 to 18)

1 (bases 1 to 18)

1 (n. Yusuke, N. and Toshihiro, T.

Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 18 08-FEB-2000;
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JP 2000037190-A/19.
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JP 2000037190-A/18.
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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JP 2000037190-A/19
08-FEB-2000
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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Location/Qualifiers
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1 (bases 1 to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
Manmal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 21 08-FEB-2000;
APAN TOBACCO INC
OS Artificial Sequence
PN JP 2000037190-A/21
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Sequence 5 from Patent WO0222889
AX685128
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 Lieber, C.M., Woolley, A.T., Hahm, J.I. and Direct haplotyping using carbon nanotube Patent: WO 0222889-A 5 21-WAR-2002; PRESIDENT AND FELLOWS OF HARVARD COLLEGE
                                                                    synthetic construct
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                                                                                                        AX685128.1 GI:29371479
                                                          artificial sequences.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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JP 2002508935-A/3
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20-AUG-1998 JP 2000527669
09-JAN-1998 US 09/005260
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synthetic construct
artificial sequences.
1 (bases 1 to 19)
                               Wei,A.P. and Mach,P.A.
Enzyme-specific cleavable polynucleotide
Patent: JP 2002508935-A 3 26-MAR-2002;
MINNESOTA MINING AND MANUFACTURING CO
                                                                                                                                                                                                                              Enzyme-specific cleavable
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Artificial Sequence JP 2002508935-A/3
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/mol_type="unassigned DNA"
/db xref="taxon:9606"
/noTe="Cdk6 ribozyme binding site"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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100.0%; Pred. No. 1.6e+C
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amine-modified C6 derivative of deoxythymidine CC
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1 (bases 1 to 20)

Kambara, H. and Okano, K.

DNA sequencing method and DNA sample preparation method Patent: US 598556-A 3 16-NOV-1999;

Location/Qualifiers
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Kambara,H. and Okano,K.
DNA sequencing method and DNA sample preparation method Patent: US 598556-A 4 16-NOV-1999;
Location/Qualifiers
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/mol_type="unassigned
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                             /mol_type="unassigned
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AR092392
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Best Local Similarity 100.0%;
Matches 15; Conservative
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Query Match
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                                                                                                 Okano, K. and Kanbara, H.

Okano, K. and Kanbara, H.

Okano, K. and Kanbara, H.

DETERMINATION OF BASE SEQUENCE

Patent: JP 1997140400-A 1 03-JUN-1997;

HITACHI LTD

OS None

OC Artificial sequences.

PN JP 1997140400-A/1

PD 03-JUN-1997

PF 13-SEP-1996 JP 1996242929

PR 18-SEP-1995 JP 95P 238141

PD 03-JUN-1997

PF 13-SEP-1995 JP 95P 238141

PC 0KANO KAZUNOBU, KANBARA HIDEKI

PC C1201/68,G01N27/447,G01N33/58//C12N1

CC topology: Linear;

FH Key Location/Qualifiers

FH Key Artificia
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Oligonucleotide.
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Antisense modulation of microtubule-associated
Patent: US 5999148-A 63 07-DEC-1999;
Location/Qualifiers
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Unclassified.
                                                                                                                                                                                                                                                                                                                                                                unidentified
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Bennett, C. Frank.
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18-SEP-1995 JP 95P 238141
OKANO KAZUNOBU, KANBARA HIDEKI
C12Q1/68,G01N27/447,G01N33/58//C12N15/09;
SETANDECHORS: Single;
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                                     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                     /organism='Artificial
Location/Qualifiers
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/mol_type="unassigned DNA"
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SANKYO CO LTD
OS Artificia.
PN JP 200016;
PD 20-JUN-200
PF 30-SEP-19;
PR NOBUKI SEP
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Oligonucleotide.
E13188
E13188.1 GI:3251993
                                                                          synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Serizawa,N., Haruyama,H., Takahashi,W., Yoshida,H
Okuma,J., Otsuki,M., Shiraishi,A. and Yonehara,S.
Drug containing anti-Fas antibody
Patent: JP 2000169393-A 56 20-JUN-2000;
                                                                                                                                                                                           Drug c
E40059
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                                                                                                                                                                                                                                                                                                                     l Similarity
15; Conserv
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Okano, K. and Kanbara, H.
DETERMINATION OF BASE SEQUENCE
Patent: JP 1997140400-A 2 03-JUN-1997;
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                                                                                                                                                                                                                   E40059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JP 1997140400-A/2.
                                                                                                                                                                                 E40059.1 GI:18627175
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unclassified
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                                                                                                                                                                                                      containing anti-Fas
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JP 1997140400-A/2
03-JUN-1997
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NOBUKI SERIZAWA, HIDEYUKI HARUYAMA, WATARU TAKAHASHI,
                                 Artificial Sequence JP 2000169393-A/56 20-JUN-2000
                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                    source
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                      30-SEP-1999 JP 1999278301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13-SEP-1996 JP 1996242929
18-SEP-1995 JP 95P 238141
OKANO KAZUNOBU, KANBARA HIDEKI
C12Q1/68,G01N27/447,G01N33/58//C12N15/09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   opology: Linear;
                                                                                                                                                                                                                                                                                                                                                                /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                          /organism='Artificial sequences'.
                                                                                                                                                                                                                                                                                                                100.08;
                                                                                                                                                                                                                                                                                                                   Score 15; DB 1; Lt;
; Pred. No. 1.7e+03;
....matches 0;
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                    7181 GGTGGGCATGTGTGA
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C12P21/08//
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1 (bases 1 to 20)

Serizawa, N., Haruyama, H., Nakahara, K. a
Humanized anti-Fas antibody
Patent: JP 2000166574-A 56 20-JUN-2000;
SANKYO CO LTD
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PI KIMIHISA ICHIKAWA,JUN OKUWA,MASAHIKO OTSUKI,AKIO SHIRAISHI,
SHIN YONEHARA
v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
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C A61P13/12,A61P31/18,A61P37/06,C12N5/10,C12N15/02,C12N15/09,
GGTGGGCATGTGTGA 19
                                                                                                                                                                                                                                                              C12N5/00
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                                                                                                                                                                                                                                                                         NOBUKI SERIZAWA, HIDEYUKI HARUYAMA, KAORI NAKAHARA, IKUKO TAWAKI C12N15/09, A61K39/00, A61K39/395, A61K39/395, A61P37/02, A61P43/00, C07K16/18, C07K16/18, C12N1/21, C12N5/10, C12P21/08//(C12N1/21, C12R1:19), C12N15/00, PC
                                                                                                                                                                                                                                Key
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20-JUN-2000
29-SEP-1999 JP 1999275441
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Location/Qualifiers
                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                       0.2%;
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100.0%; Pred. No.
/ative 0; Mismatch
                                                          Score 15; DB 1; ; Pred. No. 1.7e+1
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Mismatches 0;
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Best Local Similarity
Matches 15; Conserv
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JP 2000166573-A/56.
Synthetic construct
synthetic construct
artificial sequences.
E 1 (bases 1 to 20)
S Takahashi,W., Haruyama,H. and Serizawa,N.
Humanized anti-Fas antibody
L Patent: JP 2000166573-A 56 20-JUN-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         L Patient: JP 2000166573-A 56 20-JUN-2000;

SANKYO CO LTD

OS Artificial Sequence
PN JP 2000166573-A/56
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275440
PR WATARU TAKAHASHI, HIDEYUKI HARUYAMA, NOBUKI SERIZAWA PC C12N15/09, A61K38/00, A61K39/00, A61K39/395, A61K39/395, A61P37/00, PC C07K16/28, C12N1/21, C12N5/10, C12N15/02, C12P21/08, PC C12R1:91),
PC C12R
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Bennett,C.F. and Watt,A.T.
Antisense modulation of tumor necrosis
Patent: US 6410324-A 57 25-JUN-2002;
Location/Qualifiers
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Sequence 57 from patent US
AR215742
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E43413
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="genomic DNA"
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100.0%; Pred. No. 1.
vative 0; Mismatches
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100.0%; Pred. No. 1.7
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Sequence
AR351506
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Bennett, C.F. and Watt, A.T.

Antisense inhibition of src-c expression
Patent: US 6656732-A 142 02-DEC-2003;

Location/Qualifiers
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Sequence 142 from patent US 6
AR437090
                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                  Sequence 17 from Patent AX815558
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                                                                          Snaidr, J. and Beimfohr, C. Methods for specific rapid detection of
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                             Patent: WO 03066893-A 17 14-AUG-2003; Vermicon AG (DE)
                                                             bacteria
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1 (bases 1 to
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Similarity 100.0%; Pred. No. 1.7e+03;
15; Conservative 0; Mismatches 0;
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Similarity 100.0%; Pred. No. 1.7e+03;
L5; Conservative 0; Mismatches 0;
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Location/Qualifiers
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/mol_type="genomic DNA"
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BD090705
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BD090596
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Best Local Similarity 100.0%;
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OS Artificial Sequence
PN JP 2001342148-A/56
PD 11-DEC-2001
PF 28-MAR-2001 JP 200109
PF 10-DEFUSA SERIZAWA, HID
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PC A61P13/12,
PC A61P19
PC C12N15
PC A61K37
CC Descri
CC the he
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                                                                                 Drug containing humanized BD090705
synthetic construct artificial sequences.
1 (bases 1 to 20)
                                       synthetic construct
                                                    BD090705.1 GI:22636315
JP 2001342149-A/56.
                                                                                                            BD090705
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synthetic construct
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JP 2001342148-A/56.
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1 (bases 1 to 20)
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11-DEC-2001
28-MAR-2001 JP 2001093106
NOBUFUSA SERIZAWA, HIDEYUKI HARUYAMA, KAORI NAKAHARA, IKUKO
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A61K37/02,C12N15/00
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                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen Sequenz:
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ive 0; Mismatches
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BD266030/c
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TITLE
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                                                                                                                                                                                                                                                                                                                                           AUTHORS
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Query Match
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PN JP 2001342149-A/56
PD 11-DEC-2001
PF 28-MAR-2001 JP 2001093243
PI WATARU TAKAHASHI,HIDEYUKI HARUYAMA,NOBUFUSA SERIZAWA PC A61839/395,A61839/395,A61P1/16,A61P9/106,A61P9/10, PC A61P1/12,
PC A61P17/00,A61P31/14,A61P31/18,A61P31/20,A61P37/00
PC A61P43/00//C12N15/02,C12N15/00
CC Description of Artification
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PC G01N37/C
CC Universe
FH Key
FT Source
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Patent: JP 2002539849-A 30 26-NOV-2002;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX INC
OS Homo sapiens (human)
PN JP 2002539849-A/30
PD 26-NOV-2002
PD 26-NO
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Fan, J.B., Hirschhorn, J.N.,
Lockhart, D.J., Ryder, T. and
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PR 26-MAR-1999 US 60/126473,23-JUN-1999
JIAN BING FAN,JOEL N HIRSCHHORN,XIAOHUA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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BD266030
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DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR

C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53,
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                                                                                                                              /organism='Homo sapiens (human)'.
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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, 100.0%; Pr
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Pred. No.
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and Sklar, P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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1 (bases 1 to 21)

Cohen, D., Chumakov, I. and Blumenfeld, M.

Cohen, D., Chumakov, I. and slumenfeld, M.

Biallelic markers for use in constructing a latequilibrium map of the human genome patent: US 6537751-A 9155 25-MAR-2003; Location/Qualifiers
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AR297420
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Sequence 17 from Patent
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/mol_type="genomic DNA"
                                                                                                           /organism="synthetic construct"
/mal_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/noTe="Beschreibung der kunstlichen
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Solvay Enzymes GmbH & Co. KG; Gesell
Forschung mbH (GBF)
                                                                                                                                                                                                                                                                                                                                                              artificial sequences.

1 (bases 1 to 23)

Vetter,R., Muecke,I., Wilke,D., Amory,A., Aehle,W., Schomburg,D. and Clippe,A.
Process for increasing the stability of enzymes and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Original repU sequence.
A26835
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Synthetic oligonucleotide.
A04043
1 (bases 1 to 23)
Cover,T.L. and Blaser,M.J.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                           5692
                                                                                                               Unclassified.

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Umansky, S.R., Lichtenstein, A.V. and Melkonyan, H.S. Methods for detection of nucleic acid sequences in Patent: US 6251638-A 3 26-JUN-2001;

Location/Qualifiers
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Monia, B.P., Gaarde, W., Ward, D.T. and Cowsert, L.M. Antisense modulation of MEKK1 expression Patent: US 6168950-A 2 02-CAN-2001;
Location/Qualifiers
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Sequence 3 from patent US
AR159883
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/mol_type="unassigned DNA"
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/mol_type="unassign
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PD 16-JUL-2002 Sequence

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PD 30-JUL-1999 JP 2000562393

PF 31-JUL-1998 US 60/106300 PR 31-JUL-1998 US 60/106300 PR 04-DEC-1998 US 60/110966/26-FEB-1999 US 60/121851 PI DOMINIC P BEHAN, DEREK T CHALMERS, CHEN LIAW, I LIN LIN, KEVIN PI RUOPING CHEN

PC G1N33/15,G01N33/50,G01N33/566//A61K45/^^

PC C12N15/00

CC Description of Artificia-1

Key Locar-1

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                1669 CAACCTTGTTTCTGCAAATATGC 1691
23 CACCCATGTTCCTGCTAATAGGC
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synthetic construct
synthetic construct
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Umansky,S.R., Lichbenstein,A.V. and Melkonyan,H.S.
Methods for protection of nucleic acid sequences in urine
Patent: US 6287820-A 3 11-SEP-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.
1 (bases 1 to 23)
Behan, D.P., Chalmers, D.T.,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                      1 (bases 1 to 23)

Vetter,R., Muecke,I., Wilke,D., Amory Antoine, Aehle,W., Schomburg,D. and Clippe,A.
Stabblized enzymes and process for preparing them Patent: US 5453372-A 19 26-SEP-1995;
Location/Qualifiers
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Sequence 19 from patent US
I14793
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Immortalized human papilla pili cell and method for evaluating hair growth stimulants with the use of the same.
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Sequence 3 from patent US
AR265300
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Joyce, G.F.
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Unclassified.
1 (bases 1 to 23)
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1 (bases 1 to 23)
1 (bases 1 to 23)
Thompson, J.E., Wang, T.-W. and Lu, D.L.
Thompson, J.E., Wang, T.-W. and Lu, D.L.
DNA encoding a plant deoxyhypusine synthase, a plant eukaryotic initiation factor 5A, transgenic plants and a method for controlling senescence programmed and cell death in plants Patent: US 6538182-A 23 25-MAR-2003;
Location/Qualifiers
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Sequence 23
AR301916
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Sequence
AR372968
                                                                                                                      A (bases 1 to 23)
Waldman, S.A. and Carrithers, S.L.
Methods of and kits and compositions
tumors and metastasis thereof
Patent: US 6602659-A 67 05-AUG-2003;
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                                                                                                                                                                                                                           AR372968.1
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                                                                           /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Sequence 26 from Patent
AX048427
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Bennett,C.F. and Watt,A.T.
Antisense inhibition of src-c expression
Patent: US 6656732-A 13 02-DEC-2003;
Location/Qualifiers
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Behan,D.P., Chalmers,D.T., Liaw,C.W., Lin-Lin,I., Lowitz,K.P. and
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Boekenkamp, D., Hoppe, H.U.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AX118083
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Dna encoding a plant deoxyhypusine synthase, a plant eukaryotic initiation factor 5a, transgenic plants and a method for controlling senescence and programmed cell death in plants patent: WO 0102592-A 23 11-JAN-2001;
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Patent: WO 0071747-A 26 30-NOV-2000;
Aventis Research & Technologies GmbH &
                                                          Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 3206 26-APR-2001; Orchid BioSciences, Inc. (US)
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/mol_type="unassigned DNA"
/db xref="caxon.3630"
/noTe="Beschreibung der kunstlichen
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX320330
                                                                                                                                     Padigaru,M., Mishra,V., Spytek,K.A., Grosse,W.M., Szekeres,E.S. Alsobrook,J.P., Burgess,C.E., Casman,S.J., Lepley,D.M., Gangolli,E.A., Macdougall,J.R. and Smithson,G. Novel proteins and nucleic acids encoding same Patent: WO 0181378-A 82 01-NOV-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Padigaru,M., Mishra,V., Spytek,K.A., Grosse,W.M., Szekeres,E.S. Alsobrook,J.P., Burgess,C.E., Casman,S.J., Lepley,D.M., Gangolli,E.A., Macdougall,J.R. and Smithson,G. Novel proteins and nucleic acids encoding same patent: WO 0181378-A 79 01-NOV-2001; Curagen Corporation (US)
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                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                    /note="oligonucleotide
                                                                                                                         Location/Qualifiers
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tive 0;
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RESULT 1978
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AX455038/c
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AX405359
                               DEFINITION
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AX405359
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Patent: WO 0208453-A 105 31-JAN-2002;
Phase-1 Molecular Toxicology (US)
Location/Qualifiers
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Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                        AX455038
Sequence 105 from Patent
AX455038
AX455038.1 GI:21714223
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
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Similarity 78.3%;
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                                                                                                                                                                                                                          /organism="Canis familiaris"
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     GI:27656683
                               from Patent WO0244392.
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AX922646
synthetic construct synthetic construct artificial sequences.
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Gpcr-like protein and nucleic acids encoding same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Thompson, J.E., Wang, T.W. and Lu, D.L.

Dna encoding a plant deoxyhypusine synthase, a plant eukaryotic initiation factor 5a, transgenic plants and a method for controlling senescence programmed and cell death in plants Patent: WO 0244392-A 23 06-JUN-2002;
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synthetic construct
artificial sequences.
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Location/Qualifiers
                                                          AX922646.1
                                                                                                  AX922646
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xreft="taxon:32630"
/note="primer"
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Pred. No.
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AUTHORS
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E 1 (bases 1 to 23)

S Oishi, T., Takasaki, J., Matsumoto, M., Saito, T., Kamohara, M., Soga, T., Yoshida, S. and Ueda, Y.

Method of screening remedy for diabetes
Patent: WO 0244362-A 4 06-JUN-2002;
YAMANOUCHI PHARMACEUTICAL CO LTD, TAKAHIDE OISHI, JUN TAKASAKI, WITSUYUKI MATSUMOTO, TETSU SAITO, MASAZUMI KAMOHARA, TAKATOSHI SOGA, SHIGERU YOSHIDA, YOSHITAKA UEDA
OS Homo sapiens (human)
PD 00244362-A/4
PD 06-JUN-2001
PF 30.NOV-2001 WO 2001JP010472
PF 30.NOV-2001 WO 2001JP010472
PF 30.NOV-2001 WO 2001JP010472
PF 30.NOV-2001 WO 2001JP010472
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                                                                                                                                                   2215 GGGGTGCCTGAAGGCCAGCTACC 2237
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PC C12N1:
C12N5/10,
PC C12Q1/
CC Method
FH Key
FT Source
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Curagen
BD170443 23 bp DNA linear PAT 17-J. Transgenic animal expressing HLA-A24 and utilization thereof
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PF 30-NOV-2001 WO 2001JP010472
PF 30-NOV-2001 WO 2001JP010472
PR 01-DEC-2000 JP 00P 367349,10-AUG-2001 JP 01P 243841 PI
TAKAHIDE OISHI,JUN TAKASAKI,MITSUVUKI MATSUMOTO,TETSU SAITO, PI
MASAZUMI KAMOHARA,TAKATOSHI SOGA,SHIGERU YOSHIDA,YOSHITAKA PI
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WO 0244362-A/4.
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Key Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                 /organism='Homo sapiens (human)'.
                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db xref="taxon:38630"
/noTe="Description of Artificial Sequence:
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Pred. No. 2e+03;
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Pred. No. 2e+03;
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Best Local Similarity
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Garner, H.R., Wren, J.D., Minna, J.D. and Polymorphic repeats in human genes Patent: US 6472154-A 134 29-OCT-2002;

Location/Qualifiers
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AR241846
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synthetic construct
artificial sequences.
1 (bases 1 to 23)
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                                                                                                                                                                                                                                                                                                             Unknown.
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WO 0247474-A/10.
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13-DEC-2000 JP 00P 378556,06-SEP-2001 JP
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                            /organism="unknown"
/mol_type="genomic DNA"
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                                                                                                                  0.2%; Score 15; DB 1; 78.3%; Pred. No. 2.1e+03;
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BD229208

DEFINITION

BD229208 24 bp DNA linear PAT 17-JUL-20 Genotype determination of human UDP-glucuronosyl transferase 2B4

PAT 17-JUL-2003

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RESULT 1986
AX708814
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AUTHORS
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Galvin, Miller, A., Penny, L. and Riedy, M.
Genotyping the human UDP-glucuronosyltransferase
Patent: US 6586175-A 82 01-UUL-2003;
Location/Qualifiers
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AR349460
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 24)

Galvin,M., Miller,A., Penny,L. and Riedy,M.
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BD229208.1 GI:33038978
JP 2002521067-A/80.
     AX708814
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 2.1e+03;
0; Mismatches 5;
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  PAT 04-APR-2003
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BD248975/c
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AR174582/c
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Sequence 39
AR174582
AR174582.1
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artificial sequences.
1 (bases 1 to 26)
Novak, J.E., Presnell, S.R.,
                                                                                                     26 bp
Novel cytokine ZALPHA11 ligand
BD248975
                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 26)
Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D.,
Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 30 from Patent WO02095071.
AX708814
AX708814.1 GI:29564541
                                             synthetic construct synthetic construct
                                                                            JP 2002537839-A/36.
                                                                                     BD248975
BD248975.1 GI:33058745
                                                                                                                                                                                                                                                                                                                                                                          Cytokine zalphall Ligand
Patent: US 6307024-A 39 23-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown
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Similarity 72.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="sequence to demonstrate the principle of how to detect somatic repeat instability~##N# stands for any number of nucleotides seleted from A, C, T or G#"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          39 from patent US
                                                                                                                                                                                                                                                                                                                                /organism="unknown"
/mol_type="unassion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Pred. No. 2.3e+03;
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Pred. No. 2
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S 6307024.
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2.2e+03;
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Sprecher, C.A.,

Foster, D.C., Holly, R.D.,

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RESULT 1990
AR279358/c
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179495/c
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Matches 18
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Best Local Similarity
Matches 18; Conserv
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Novel Cytokial Sequence
Novel Zalpence
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Sequence
AR279358
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Patent: US 5707807-A 2 13-JAN-1998;
Location/Qualifiers
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                                                   AR279358
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RICHARD D HOLLY, JANE A GROSS, JANET V JOHNSTON, ANDREW J NELSON, STACEY R DILLON, ANGELA K HAMMOND C12N15/09, A61K38/00, A61K45/00, A61P35/00, A61P37/00, C07K14/52, C07K14/53,
                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
                          from
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
0; Mismatches 5
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5707807.
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AR374074/c
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KEYWORDS
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AR404597/c
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                                 1 (bases 1 to 26)

Ju,J., Li,Z., Tong,A. and Russo,J.J.

Ju,J., Li,Z., Tong,A. and Russo,J.J.

Combinatorial fluorescence energy transfer tags

applications for multiplex genetic analyses

Patent: US 6627748-A 1 30-SEP-2003;

Location/Qualifiers
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Sequence
AR374074
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Novak, J.E., Presnell, S.R.,
Gross, J.A., Johnston, J.V.,
Hammond, A.K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 26)
O'Neill,R.A., Chen,J.-K., Chiesa,C. and F
Multiplex polymucleotide capture methods
Patent: US 6514699-A 2 04-FEB-2003;
Location/Qualifiers
                                                                                                                           Unknown
                                                                                                                                                                            Sequence 1 from patent US AR404597
                                                                                                              Unclassified
                                                                                                                                        Unknown.
                                                                                                                                                                AR404597.1
                                                                                                                                                                                                     AR404597
                                                                                                                                                                                                                                                                                                                                                                                                                         Methods of using zalphall ligand Patent: US 6605272-A 39 12-AUG-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown
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/organism="unknown"
/mol type="denomic
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                                                                                                GI:40153233
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78.3%;
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_type="genomic DNA"
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Pred. No. 2.3e
0; Mismatches
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Pred. No. 2.3e+03;
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6627748.
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PN JP 2001503973-A/2

PD 27-MAR-2001

PF 02-CCT-1997 JP 1998516839

PR 04-CCT-1996 US 60/027832,12-JUN-1997 US 08/8

ROGER A O'NEILL,JAR CAIN CHEN, CLAUDIA CHIESA, GEORGE FRY

C12Q1/68, C12N15/09, C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

FH Key Location/Qualifiers

FT source 1..26

PT source /organism='Unidentified'.
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                                                              Hylobates sp. (gibbon)
Hylobates sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hylobatidae; Hylobates.
1 (bases 1 to 27)
Bailey,A.D. and Shen,C.K.
Sequential insertion of Alu family repeats into specific genomic sites of higher primates
Proc. Natl. Acad. Sci. U.S.A. 90 (15), 7205-7209 (1993)
                                                                                                                                                                                                                                                                              S64862S3

Alpha 1-theta 1 globin intergenic [Hylobates sp.=gibbons, Genomic, 2
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OGneill,R.A., Chen,J.C., Chiesa,C. and Fry,G.
Method and composition for capturing multiple polynucleotide
Patent: JP 2001503973-A 2 27-MAR-2001;
THE PERKIN ELMAR CORP
GenBank staff at the National Library of Medicine created this entry [NCBI gibbsq 136653] from the original journal article.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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78.3%;
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capturing multiple polynucleotide.
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AX711956
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                                                                                                                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                         Sequence 7 from Patent EP1207210.
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Location/Qualifiers
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Similarity 78.3%;
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                                                                                                  Diagnostics GmbH (DE) ; F. HOFFMANN-LA Location/Qualifiers
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                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic co
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9581"
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Best Local Similarity
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PHOPPMANN LA ROCHE AG
SHOMO SEDIENS (human)
PN JP 2002191384-A/7
PD 09-UUL-2002
PF 13-NOV-2001 JP 2001348:
PR 15-NOV-2000 EP 00124!
PR WOLFGANG DIETWAIER
PC C12M15/99, C12Q1/68, C12!
CC Method for melting curling curl
     18;
                                                                                                                                                                                                                                                                                                                                                       Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A. and Li, Z.
Nanoparticles having oligonucleotides attached thereto
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artificial sequences.
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Sequence 68 from Patent WO0151665.
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                                                                                                                                                                                                                                                                                Patent: WO 0151665-A 68 19-JUL-2001; Nanosphere, Inc. (US)
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Dietmaier, W.
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BD165919.1 GI:27871731
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ilarity 78.3%;
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13-NOV-2001 JP 2001348017
15-NOV-2000 EP 00124897.0
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C12N15/09, C12Q1/68, C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                           /note="random synthetic sequence"
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Pred. No. 2.5e+03;
0; Mismatches 5
Score 15; DB 1;
Pred. No. 2.6e+03;
0; Mismatches 5
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Best Local Similarity 78.3%;
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synthetic construct
artificial sequences.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                         /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                            /note="random synthetic sequence"
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0; Mismatches
                                                     Score 15; DB 1;
Pred. No. 2.6e+03;
0; Mismatches 5
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local (
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Sequence
AX556137
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             Sequence 968 from Patent
A88820
A88820.1 GI:6737390
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A42631
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                unidentified
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                                                                                                                                                                                                                                         /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
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Pred. No. 2.6e+03;
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Pred. No. 1.6e+03;
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Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 968 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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Kistner,O., Barrett,N., Mundt,W. and Dorner,F.
Method for producing viruses and vaccines in s
Patent: US 5753489-A 5 19-MAY-1998;
Location/Qualifiers
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                                                                                          1 (bases 1 to 18)
Kistner,O., Barrett,N., Mundt,W. and Dorner,F.
Method for producing viruses and vaccines in s
Patent: US 5753489-A 6 19-MAY-1998;
                                                                                                                                                                                                    Sequence 6 from patent AR008471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                            /mol_type="unassigned DNA"
                                                         organism="unknown"
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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Sequence 17 from patent US 5985664.
AR087067
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Kistner,O., Barrett,N., Mundt,W. and Dorner,F.

Method for controlling the infectivity of viruses
Patent: US 5756341-A 6 26-MAY-1998;

Location/Qualifiers
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Sequence 6 from patent US
AR009719
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Kistner,O., Barrett,N., Mundt,W. and Dorner,P.
Method for controlling the infectivity of viruses
Patent: US 5756341-A 5 26-MAY-1998;
Location/Qualifiers
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Sequence 5 from patent
AR009718
AR009718.1 GI:3968523
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Unclassified.
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Similarity 88.9%;
16; Conservative
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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BD334985.1 GI:33044755
BD234985.1 GI:33044755
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                                                                                                            Schlingensiepen, K.H., Schlingensiepen, R. and Brysch, W. A method for stimulating the immune system Patent: JP 2002517434-A 89 18-JUN-2002; BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH OS Homo sapiens (human) PN UP 2002517434-A/89 PD 18-JUN-2002 PP 110-JUN-1999 JP 2000553044
BRYSCH
PC A611
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Baker, B. F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 24 28-DEC-1999;
Location/Qualifiers
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AR096353
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Location/Qualifiers
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                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 18)
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nilarity 88.9%;
Conservative (
                                                                                 Homo sapiens (human)
UP 2002517434-A/89
18-JUN-2002
10-JUN-1999 UP 2000553044
10-JUN-1998 EP 98110709.7,25-JUL-1998 EP 98113974.4
, HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG
                           A61K45/06, A61K31/7088, A61K38/00, A61K39/395, A61K39/395, A61P31/00, A61P35/00, A61P37/02, C12N15/00, A61P37/02, C12N15/00, CC A
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 for stimulating the immune system ey
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                            80 from patent US
                                                                                                                                                                                                 /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism='Homo sapiens (human)'.
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Pred. No. 1.6e+03;
0; Mismatches 2;
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Pred. No. 1.6e+03;
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173187
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Sidransky,D.
Analysis of sputum by amplification and
                                                                                                                                                                                    Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent: US 5686242-A 1 11-NOV-1997;
Location/Qualifiers
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Bruice, T.W. and Lima, W.F.
Determination of oligonucleotides for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nucleic acid mutation detection by analysis of Patent: US 5561041-A 80 01-OCT-1996; Location/Qualifiers
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Sidransky, D.
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/mol_type="unassigned DNA"
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Pred. No. 1.6e+03;
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                    Score 14.8; DB 1;
Pred. No. 1.6e+03;
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Egholm,M., Nieleen,P., Buchardt,O., I
Egholm,M., Kiely,J. and Griffith,M.
Peptide nucleic acids
Patent: US 6451968-A 32 17-SEP-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 18)

Zwick, M.G., Edington, B.E., McSwiggen, J.A., Me
Guo, L., Skokut, T.A., Young, S.A., Folkerts, O.

Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 1169 26-FEB-2002;
                    Unknown.
                                                                 AR231295
Sequence 32 from patent US
AR231295
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Sequence 32 from patent
AR231295
AR231295.1 GI:27272226
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                                 Unknown.
          Unclassified.
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O. and Merlo, D.J.
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Best Local Similarity 88.9%;
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Garner, H.R., Wren, J.D., Minna, J.D. and
Polymorphic repeats in human genes
Patent: US 6472154-A 340 29-OCT-2002;
Location/Qualifiers
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AR231296
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Coull,J.M., Kiely,J. and Griffith,M.
Peptide nucleic acids
Patent: US 6451968-A 32 17-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 18)
Egholm,M., Nielsen,P., Buchardt,O., |
Coull,J.M., Kiely,J. and Griffith,M.
Peptide nucleic acids
Patent: US 6451968-A 33 17-SEP-2002;
Location/Qualifiers
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/mol_type="genomic DNA"
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6054 25-MAR-2003;
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DNAs encoding new fusion proteins and processes for preparing useful polypeptides through expression of the DNAs
Patent: US 650659-A 28 14-VAN-2003;
Location/Qualifiers
1 (bases 1 to 18)
Cohen,D., Chumakov,I.
Biallelic markers for
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR433444
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                      16;
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Bennett, C.F., Monia, B.P. and Cowsert, I.M.
Antisense modulation of NF-kappa-B p65 subunit expression
Patent: US 665688-A 46 02-DEC-2003;
Location/Qualifiers
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                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="genomic |
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/mol_type="unassigned DN/db_xref="taxon:9606"
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manipulation and utility
Patent: WO 0159126-A 26 16-AUG-2001;
Norges Teknisk Naturvitenskapelige Universitet (NO); STIFTELSEN
IND OG TEKNISK FORSKNING VED NORGES TEKNISKE HOGSKOLE (NO);
IND OG TEKNISK FORSKNING VED NORGES TEKNISKE HOGSKOLE (NO);
ALPHARMA AS (NO); Sinvent AS (NO); Zotchev, Sergey Borisovich
(NO); Sekurova, Olga Nikolayivna (NO); Fjaervik, Espen (NO);
Brautaset, Trygve (NO); Strom, Arne Reidar (NO); Valla, Svein
(NO)
                                                                                                                                                                                                                     Methods for production of p-hydroxybenzoate Patent: WO 0229034-A 9 11-APR-2002; E.I. DUPONT DE NEMOURS AND COMPANY (US)
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                                                                                                                                                                                                                                                                      Duque, E
                                                                                                                                                                                                                                                                                   Ramos, J.L., Ben-Bassat, A., Godoy, P., Ramos-Gonzales, M.I.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                          /mol_type="unassigned
/db_xref="taxon:32630"
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                                                                                                                             /note="Primer"
                                                                                                                                                                          organism="synthetic construct
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%; Pred. No. 1.6e-
0; Mismatches
18
                                                             0; Mismatches
                                                                           Score 14.8; DB 1;
Pred. No. 1.6e+03;
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AX599828
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                           3210 TGAGAAAGTGGGTGGGAG 3227
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18
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Methods and nucleic acids for the analysis of hematopoletic cell proliferative disorders

Patent: WO 02077272-A 1170 03-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H. Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H. analysis of hematopoietic cell methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders
proliferative disorders
Patent: WO 02077272-A 1168 03-OCT-2002;
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Sequence 1170 from Patent
AX599830
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                          /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.
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WO02077272.
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1.6e+03;
                                                                                      1.6e+03
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Patent: WO 03052135-A 441 26-JUN-2003;
Epigenomics AG (DB)
Location/Qualifiers
                                       Sequence 530 from Patent AX826278
                                                                                                                                                                                                                                                                                                                 Patent: EP 1340818-A 530 03-SEP-2003;
Epigenomics AG (DE)
                                                                                                                                                                                                                                                                                                                                           Method and nucleic acids for the analysis of a colon proliferative disorder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct synthetic construct
synthetic construct
                          AX826278.1 GI:39751792
                                                                AX826278
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Method and nucleic acids for the analysis of a lung cell
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                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note="Detection oligonucleotide
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/db_xref="taxon:32630"
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                                                PAT 11-DEC-2003
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BD066333
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Best Local :
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18
A method of arraying genome
BD087981
BD087981.1 GI:22633591
JP 2001321190-A/225.
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Schlingensiepen,K.H. and Brysch,W.
Schlingensiepen,K.H. and Brysch,W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 968 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16;
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                                                                                                                                                                          . Similarity
16; Conserv
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30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown
                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                              /organism='Unknown'
Location/Qualifiers
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Pred. No. 1.6e+03;
0; Mismatches 2
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Pred. No. 1.6e+03
0; Mismatches
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RESULT 2034
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RS Baker, B.F. and Cowsert, L.M.

Antieense modulation of TNFR1 expression

AL Patent: JP 2002519015-A 24 02-JUL-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002519015-A/24

PD 02-JUL-2002

PF 17-JUL-1999 US 09/106038

PR 26-JUN-1998 US 09/106038

PR 26-JUN-1998 US 09/106038

PI BRENDA F BAKER, LEX M COWSERT

C12015/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC

C120168.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A method of arraying genome clone
Patent: JP 2001321190-A 225 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESI
GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/225
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,
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Antisense modulation of TNFR1
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                                                                               Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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                                                    /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AR015988/c
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AR082029/c
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AR082029
Sequence 8 1
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AR015988
AR015988.1
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Hashimoto, K., Ito, K., Ishimori, Y. a. Gene detection method
Patent: US 5776672-A 8 07-JUL-1998;
                                                                                                                                                                                                                                                                       Unknown
                                                                                                                                                                                                                                                                                                                                                                                            N
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Courtney,M., Degryse,E. and Loison,G.
Hirudin variants, their use and process
Patent: EP_0332523-A 6 13-SEP-1989;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A17598
Nucleotide sequence
A17598
                                                                                                                                                                                                                                                             Unclassified.
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Similarity 88.9%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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                      from patent US
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Pred. No. 1.
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Pred. No. 1.7e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       from patent number
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AR294082
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 88.9%;
                                                                                           JOURNAL
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Cohen, D., Chumakov, I. and Blumenfeld, M.

Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 5817 25-MAR-2003;

Location/Qualifiers
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Sequence 5817 from patent
AR294082
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Hashimoto, K., Ito, K. and Ishimori, Y.
Gene detection method
Patent: US 5972692-A 8 26-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                              Sequence 34
AX016282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16;
                                                  Plant control genes
Patent: WO 9949064-A 34 30-SEP-1999;
COUPLAND GEORGE MICHAEL (GB); PLANT BIOSCIENCE LIMITED
SARAH GEORGE (NZ); PUTTERILL JOANNA JEAN (NZ)
Location/Qualifiers
                                                                                                                                                          synthetic construct
synthetic construct
                                                                                                                   Coupland, G.M., Fowler, S.G. and Putterill, J.J.
                                                                                                                                                                                                 AX016282.1 GI:10041851
                                                                                                                                                                                                                                        AX016282
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Unclassified.
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organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                          organism="unknown"
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0; Mismatches 2
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Sequence 14 from Patent WO0071749.
AX052998
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Sequence 6 from Patent WO0061801.
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Patent: WO 0071749-A 14 30-NOV-2000;
Aventis Research & Technology GmbH & Co.
Location/Qualifiers
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                                                                                  /mol_type="unassigned
/db_xref="taxon:32630"
/note="Splint"
                                                                                                                           organism="synthetic construct"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX128858
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                      16; Conservative
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Homo sapiens
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 AX132273
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db xref="taxon:9606"
/noTe="Cdk1 ribozyme binding site"
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AX181990
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Modulation of pax -2 for controlled apoptosis or survival of cells
Patent: WO 0146405-A 8 28-JUN-2001;
McGILL UNIVERSITY (CA); University of Otago (NZ)
Location/Qualifiers
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Sequence 8 from Patent WO0146405
AX181990
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AX132273
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Mammalia; Eutheria; Primatee; Catarrhini; Hominidae;
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Vogeli, G., Wood, L.S., Parodi, L.A. and Lind, P.
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Similarity 88.9%; Pred. No. 1.7¢
16; Conservative 0; Mismatches
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similarity 88.9%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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Pred. No. 1.7e+03;
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16; Conserv
                                                                                 Loukachov, V.V., Goudsmit, J. and van Gemen, B. Collection of binding molecules
Patent: WO 0208463-A 122 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Sequence 122 from Patent
AX362761
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Patent: WO 0162797-A 170 30-AUG-2001;
PHARMACIA & UPJOHN COMPANY (US)
Location/Qualifiers
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Similarity 88.9%;
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                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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88.9%; Pred. No. 1.7e+03;
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M synthetic construct
artificial sequences.

1 (bases 1 to 19)

Hinuma,S., Fujii,R., Kawamata,Y., Miwa,M. an
Screening method
Patent: WO 02084286-A 29 24-OCT-2002;
TAKEDA CHEMICAL INDUSTRIES LTD,SHUJI HINUMA,
KAWAMATA, MASANORI MIWA,MASAKI HOSOYA
OS Artificial Sequence
PN WO 02084286-A/29
PD 24-OCT-2002
PF 11-APR-2002 WO 2002JP003613
PF 11-APR-2003 TO 2002JP003613
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PC G01N33
C12N1/21,
PC C12N5/
CC Primer
                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleos Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 20)

Francisco,L.V., Langston,A.A., Mellersh,C.S., Neal,C.L. and Ostrander,E.A.

A class of highly polymorphic tetranucleotide repeats for can a class of highly polymorphic tetranucleotide repeats
                                                                                                                                                        genetic marker; microsatellite; tetranucleotide repeat Canis familiaris (dog) Canis familiaris
                                                                                                                                                                                                                                                                                                                                                                                                                            16;
genetic mapping Mamm. Genome 7 96269603
                                                                                                                                                                                                            L78613.1 GI:1372902
                                                                                                                                                                                                                                               DOG2130P01 20 bp | Canis familiaris (clone 2130F) DNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PF 11-APR-2002 WO 2002JP003613
12-APR-2001 JP 01P 114203,14-JUN-2001 JP 01P
16-JUL-2001 JP 01P 214922,27-DEC-2001 JP 01P 397
22-FEB-2002 JP 02P 045728
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WO 02084286-A/29.
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Primer designed for TNF alfa mRNA quantification
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                             synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Caput, D., Ferrara, P., Guillemot, J.C., Kaghad, M., Labit-le
Bouteiller, C., Leplatois, P., Magazin, M. and Minty, A.
Protein having cytokin type activity, recombinant DNA coding
this protein, transformed cells and microorganisms
Patent: EP 0506574-A 17 30-SEP-1992;
                                                                                                                                                                                                                                                                                                                                                                                                                      16,
                                                                                                                                                                                                                                                    20 bp
Oligonucleotide primer sequence
A29944
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Caput, D., Ferrara, P., Miloux, B., Minty, A. and Vita, N.
Protein with cytokine activity, recombinant DNA, expression vector
and hosts for obtaining it
Patent: EP 0488900-A 12 03-JUN-1992;
ELF SANOFI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nucleotide sequence 12 from A17773
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/note="2130F"
/evidence=experimental
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:9615"
/clone="2130F"
                                                             Location/Qualifiers
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/mol_type="genomic DNA"
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Pred. No. 1.8e+03;
0; Mismatches 2
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Pred. No. 1.8e+03;
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number EP0488900
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                                                                                                                                                                                                                                                                               Unknown.
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Ecker,D., Vickers,T.A. and Bruice,T.W.
Modulation of gene expression through
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown
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AR032125
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Patent: US 5801156-A 27 01-SEP-1998;
                                                                                                                                                                                                                                                                                          Unknown.
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                                                                                                                                                                 /organism="unknown"
/mol_type="unassigned DNA"
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           from
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Pred. No. 1.8e+03;
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AR037392
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AR043863
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Sequence 27
AR043863
AR043863.1
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1 (bases 1 to 20)

Robinson, G.S. and Smith, L. Elaine. Hodgson.
Inhibition of neovascularization using VEGF-specific oligonucleotides
                                                        Robinson, G.S. and Smith, L. Elaine. Hodgson. Inhibition of neovascularization using veoligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                               Robinson, G.S. and Smith, L. Elaine. Hodgson Inhibition of neovascularization using VI
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Unclassified.
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                                              Patent: US 5814620-A 27 29-SEP-1998;
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/mol_type="unassigned
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Pred. No. 1.8e+03;
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AR086276
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AR086276
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1 (bases 1 to 20)

Robinson,G.S. and Smith,L.Elaine.Hodgson.
Inhibition of neovascularization using ve
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Patent: US 5814620-A 34 29-SEP-1998;
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1 (bases 1 to 20)
Robinson,G.s. and Smith,L.Elaine.Hodgson.
Robinson of neovascularization using vegf-specific
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/mol_type="unassigned DNA"
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                    from patent US
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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AR094462/c
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                                                          Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

1 (caput, D., Ferrara, P., Miloux, B., Minty, A. and Vita, N. Caput, D., MCP-3) polypeptides chemokine NC28 (monocyte chemotactic protein-3, MCP-3) polypeptides and their recombinant production patent: US 6001649-A 20 14-DEC-1999;
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Sequence
AR093063
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Dean, N.M., McKay, R., Miraglia, L. and Baker, B.
Antisense oligonucleotide compositions and me
inibition of c-Jun and c-Fos
Patent: US 5985558-A 97 16-NOV-1999;
Location/Qualifiers
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Sequence 20 from patent
AR094462
AR094462.1 GI:10021407
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Wright, J.A. and Young, A.H.
Antitumor antisense sequences directed
                                                                                                                                                Unknown.
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Location/Qualifiers
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                     /mol_type="unassigned
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/mol_type="unassigned DNA"
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AR130175/c
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AR095030/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

Popoff, I., Brown-Driver, V.L. and Cowsert, L.

Antisense inhibition of e2f transcription f

Patent: US 6187587-8 78 13-FEB-2001;
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Dean, N.M. and Manoharan, M.
Antisense oligonucleotide
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AR095030
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Location/Qualifiers
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/mol_type="unassigned
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from patent US 6187587.
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Pred. No. 1.8e+03;
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AR137457/c
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AR146814
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AR137457
                                                                                                     1 (bases 1 to 20)
An,G., O'Hara,S.Mark., Ralph,D. and Veltri,R.
Biomarkers and targets for diagnosis, prognos
prostate, breast and bladder cancer
Patent: US 6218529-A 62 17-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               l (bases 1 to 20)
Dean,N.M., Karras,J.G. and McKay,R.
Antisense modulation of interleukin-5 signal transduction
Patent: US 6136603-A 28 24-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                             l Similarity
16; Conserv
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Genetic test for .alpha.-mannosidosis
Patent: US 6197507-A 77 06-MAR-2001;
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/mol_type="unassigned
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Sequence 6 :
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Sequence
AR159113
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1 (bases 1 to 20)
Monia, B.P., Butler, M.M. and Wyatt, J.
Antisense inhibition of C/EBP beta expression
Patent: US 6271030-A 152 07-AUG-2001;
Location/Qualifiers
Unclassified.
1 (bases 1 to 20)
Caput, D., Chalon, P.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 20)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
                                         Unknown.
                                                  Unknown.
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Patent: US 6251588-A 735 26-JUN-2001;
Location/Qualifiers
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/mol_type="unassigno
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                                                                                                      from patent US
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Pred. No. 1.8e+03
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Pred. No. 1.8e+03;
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1 (bases 1 to 20)

Galibert, F. and Andre, C.

Total genome radiation hybrid map of canine gen identification of interesting genes
Patent: JP 2002530091-A 725 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/725
PD 17-SEP-2002
PF 13-NOV-1999 UP 2000582596
PR 13-NOV-1998 US 60/108193
PI FRANCIS GALIBERT, CATHERINE ANDRE
PC C12N15/09,C12Q1/68,C12N15/00
CC FH2130
FH Key
Location/Qualifiers
FT Source 1..20
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AR176842
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BD230856.1 GI:33040626
JP 2002530091-A/725.
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Dean,N.M., McKay,R., Miraglia,L. and Ba
Antisense oligonucleotide compositions
modulation of activating protein 1
Patent: US 6312900-A 97 06-NOV-2001;
                                                                                                                                                                                                               Canis familiaris (dog)
Canis familiaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Type-2 neurotensin receptor (NT-R2) Patent: US 6274333-A 6 14-AUG-2001;
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Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
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/mol_type="unassigned DNA"
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BD247680/c
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BD230916/c
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Galibert, F. and Andre, C.
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artificial sequences.

1 (bases 1 to 20)

Dean, N. M., Karras, J.G. and Mckay, R.

Antisense modulation of interleukin-5 signal transduction
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15-NOV-1999 JP 2000582596
13-NOV-1998 US 60/1081
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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location/Qualifiers
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Pred. No. 1.8e
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Pred. No. 1.8e+03;
0; Mismatches 2
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Matches 16
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ISIS PHARMACBUTICALS INC
OS Artificial Sequence
PN JP 2002539846-A/28
PD 26-NOV-2002
PF 17-MAR-2000 JP 2000608790
PR 26-MAR-1999 US 09/280799
PI NICHOLAS M DEAN, JAMES G KARRAS, ROBERT MCKAY
PI NICHOLAS M DEAN, JAMES G KARRAS, ROBERT MCKAY
PC C12N15/09, A61831/711, A61848/00, A61P11/06, A61P29/00, A61P35/00,
PC A61P43/00, C12N15/02, C12N15/00
PC A61P43/00, C12N15/02, C12N15/00
PC Description of Artificial Sequence: Synthetic
FH Key Location/Qualifiers
FT source //organism='Artificial Sequence'.
                                                                                                                                                                                               VIRUS USING OLIGONUCREOTIDE PRIMER AND OLIGONUCLEOTIDE PRI
Patent: UP 1993023200-A 22 02-FEB-1993;

NAKAMURA TETSUO
OS Artificial gene
OC Artificial gene
OC Artificial sequence; Genes.
PN 1993023200-A/22
PD 02-FEB-1993
PP 26-APR-1991 UP 1991191376
PF 26-APR-1991 UP 1991191376
PF 12-UTW-1990 UP 90P 153402
PI OKAMOTO HIROAKI, NAKAMURA TETSUO
PC C12Q1/68,C12N15/51,C12Q1/70;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No.
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1 (bases 1 to 20)
Okamoto,H. and Nakamura,T.
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                                          AACAGGGCCAGCAAGACA 2960
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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5921 CCCAGAGATGTCCACCTG
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I47021
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I47014
         1 (bases 1 to 20)
Robinson,G.S.
Human VEGF-specific oligonucleotides
Patent: US 5639736-A 37 17-JUN-1997;
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Robinson,G.S.
Human VEGF-specific oligonucleotides
Patent: US 5639736-A 34 17-JUN-1997;
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Robinson,G.S.
Robinson's-specific oligonucleotides
Human VEGF-specific oligonucleotides
Patent: US 5639736-A 27 17-JUN-1997;
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Similarity 88.9%;
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Location/Qualifiers
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I47662
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Robinson,G.S.
Human VEGP-specific oligonucleotides
Patent: US 5639872-A 34 17-JUN-1997;
                                                                                                                                                                                                                                                                           Sequence 34 from patent US I47669
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Robinson, G.S.
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/mol_type="unassion"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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163163
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I58491/c
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Best Local Similarity
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163163
163163.1
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158491
158491.1
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Caput, D., Ferrara, P., Guillemot, J.-C., Kaghad, M., Labit-Le Caput, D., Ferrara, P., Guillemot, J.-C., Kaghad, M., Labit-Le Bouteiller, C., Leplatois, P., Magazin, M. and Minty, A. Protein having interleukin 13 activity, recombinant DNA coding this protein, transformed cells and microorganisms Patent: US 5652123-A 19 29-JUL-1997;
Location/Qualifiers
                                                                                                                  Unclassified.
1 (bases 1 to 20)
Robinson, G.S.
                                                                                                                                                               Unknown
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Human VEGF-specific oligonucleotides
Patent: US 5639872-A 37 17-JUN-1997;
                                                                                      Human VEGF-specific oligonucleotides Patent: US 5661135-A 27 26-AUG-1997;
                                                                                                                                                                                Unknown
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/mol_type="unassigned
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/mol_type="unassigned DNA"
                                                                     Location/Qualifiers
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                        /mol_type="unassigned
                                           organism="unknown"
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from patent US 5652123.
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Score 14.8;
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163173
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Matches 16; Conserv
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Matches 16; Conserv
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163173
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Robinson,G.S.
Human VEGF-specific oligonucleotides
Patent: US 5661135-A 37 26-AUG-1997;
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37 from patent US 5661135.
                                                 27 from patent US
                                                                                                                                                                                              /organism="unknown"
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                                                                                                                                                                                                                                                                                                                            GI:2480881
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/mol_type="unassigned DNA"
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                              GI:3209717
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0; Mismatches
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Pred. No. 1.8e+0; Mismatches
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Pred. No. 1.8e+03;
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181427
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I81430
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Best Local Similarity 88.9%;
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Matches :
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                                                                                                                                                                                                                   Sequence
181430
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Robinson,G.S. and Smith,L.Elaine.Hodgson.
Inhibition of neovascularization using VEGF-specific oligonucleotides
Patent: US 5710136-A 27 20-JAN-1998;
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Robinson, G. S. and Smith, L. Blaine. Hodgson.
Inhibition of neovascularization using VE
oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown
                                                                                                                    Unclassified.
1 (bases 1 to 20)
Robinson, G.S. and Smith, L. Elaine. Hodgson.
Inhibition of neovascularization using VI
                                                                                                                                                                    Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: US 5710136-A 34 20-JAN-1998;
Location/Qualifiers
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                                                                                                                                                                                 Unknown.
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                                                                                              Patent: US 5710136-A 37 20-JAN-1998;
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassion"
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Score 14.8; DB 1;
Pred. No. 1.8e+03;
0; Mismatches 2;
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Matches 16
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Matches 16; Conserv
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16; Conserv
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193811
                                                  Sequence
193821
Unknown.
Unclassified.
                                                                                                                           N
                                                                                                                                                                                                                                       oligonucleotides
Patent: US 5731294-A 34 24-MAR-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 20)

Robinson,G.S. and Hodgson Smith,L.Elaine.
Inhibition of neovasularization using VEGF-specific
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Robinson, G.S. and Hodgson Smith, L. Elaine.
Inhibition of neovasularization using VE
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                                                                                                                                                                                                                                                                                                                                                              Sequence 34 from patent US 193818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent: US 5731294-A 27 24-MAR-1998;
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                   Unknown.
                                         I93821.1
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/mol_type="unassigned DNA"
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3 5731294.
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AR206667
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AR203234/c
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Best Local Similarity 88.9%;
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AR206667
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AR203234
                                                                                                                                        1 (bases 1 to 20)
Baker, B.F., Bennett, C.Frank. and Wyatt, J.
Antisense modulation of inhibitor of DNA binding-1 expression
Patent: US 6372433-A 87 16-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.

Unclassified.

1 (bases 1 to 20)

Bennett, C. Frank. and Wyatt, J.

Antisense modulation of lysophospholipase I

Patent: US 6365354-A 159 02-APR-2002;
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Robinson, G.S. and Hodgson Smith, L. Elaine.
Inhibition of neovasularization using VEGF-specific
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Patent: US 5731294-A 37 24-MAR-1998;
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nilarity 88.9%;
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                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.8e
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Egholm, M., Nielsen, P., Buchardt, O., Dueholm, K.L., Coull, J.M., Kiely, J. and Griffith, M. Peptide nucleic acids
Patent: US 6451968-A 39 17-SEP-2002;
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AR225055
1 (bases 1 to 20)
Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L.,
Coull,J.M., Kiely,J. and Griffith,M.
                                                                                                   Sequence 48 from patent US AR231311
                                                                                                                           AR231311
                                         Unclassified.
                                                    Unknown
                                                                                         AR231311.1
                                                                                                                                                                                                                                                 Similarity
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Leyman, M.I., Latif, F., Wei, M.-H., Duh, F.-M., Minna, J.D.,
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                  Christensen, L.,
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AR234547
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VERSION
KEYWORDS
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AR264284
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                   5479 TGTAAAAAGATAATTTTT 5496
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AR264284
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Mukherjee, A.B., Kundu, G.C. and Panda, D.
Methods and compositions for treatment
Patent: US 6458590-A 3 01-CCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16;
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Patent: US 6451968-A 48 17-SEP-2002;
Location/Qualifiers
N
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Wong, A.K.C., Teng, D.H.-F. and Tavtigian, S.V.
Human CDC14A gene
Patent: US 6331614-A 79 18-DEC-2001;
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AR234547
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                                                                              /mol_type="genomic DNA"
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Pred. No. 1.8e+03;
0; Mismatches 4
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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Sequence 42
AR264958
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AR264952
AR264952.1
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AR296084
Unclassified.
1 (bases 1 to 20)
Cohen, D., Chumakov, I. and
                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 20)
Kurane, K. Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.
Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method
Patent: US 6492121-A 42 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 20)
Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K.,
Yokomaku,T., Koyama,O. and Furusho,K.
Method for determining a concentration of target nucleic acid
molecules, nucleic acid probes for the method, and method for
analyzing data obtained by the method
Patent: US 6492121-A 36 10-DEC-2002;
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/mol_type="genomic DNA"
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Pred. No. 1.8e+03;
0; Mismatches 2;
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                                                                                                                                         1 (bases 1 to 20)
Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
LDL-receptor
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AR309438
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AR305334
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (Dases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                                                                                   Unknown
                                                                                                               Patent: US 6555654-A 288 29-APR-2003; Location/Qualifiers
                                                                                                                                                                                                                                                           AR309438.1
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Location/Qualifiers
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288 from patent US 6545137
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Unclassified.
1 (bases 1 to:
Wright, J.A.
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Sequence
AR316419
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Sequence
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Laten,H.M.
Plant retroviral polynucleotides and
Patent: US 6559359-A 28 06-MAY-2003;
Location/Qualifiers
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                                                                         AR359565
Sequence 158 from patent
AR359565
                                                                                                                                                                                                                                                                                                                         Unknown.
Unclassified.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR362841
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                                                                                                                                1 (bases 1 to 20) Wallner, B.P. and Hession, C. Wallner, B.P. and Hession, C. DNA sequences, recombinant DNA molecules and processes producing PI-linked lymphocyte function associated anti-Patent: US 5185441-A 11 09-FEB-1993;
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Wallner, B.P. and Hession, C.
DNA sequences, recombinant DNA molecules and producing PI-linked lymphocyte function assoc Patent: US 5185441 A 9 09-FEB-1993;
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          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                         Pierrard, J., Simon, J.L. and Chevallereau, P. Avirulent xanthomonas-campestris strains pr Patent: WO 0078967-A 2 28-DEC-2000;
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Mutation of rad51 gene and its use in the diagnosis
predisposition to breast cancer
Patent: WO 0110254-A 9 15-MAR-2001;
THE DEPARTMENT OF HEALTH & HUMAN SERVICES (US)
Location/Qualifiers
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                      Patent: EP 1113081-A 40 04-JUL-2001;
INSTITUT PASTEUR DE LILLE (FR) ; INSTI
DE LA RECHERCHE MEDICALE (INSERM) (FR)
                                                                                                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                        Chartier-Harlin, M.C., Amouyel, P. and Lambert, J.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                   Implication of a known gene named cp2/lsf/lbp-1 in
                                                                                                                                                                                                                                                                                                        40 from Patent EP1113081.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
Location/Qualifiers
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Pred. No. 1.
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Pred. No. 1.8e+03;
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                                                                                                                                                                                    Euteleostomi;
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RESULT 2114
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AX189738
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Best Local Similarity
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Best Local Similarity
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nes 16; Conserv
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AX146435
AX146435.1 GI:14284853
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                                                                                                                                                                      Patent: WO 0148240-A 40 05-JUL-2001;
INSTITUT PASTEUR DE LILLE (FR); INSTITUT
DE LA RECHERCHE MEDICALE (INSERM) (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                            Sequence 40 from Patent AX189738
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                                                                                                                                                                                                                                 disease
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                           ACTCTGTAGCCCTGCAGA 3157
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                    Score 14.8; DB 1;
Pred. No. 1.8e+03;
0; Mismatches 2;
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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Alzheimer's
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KEYWORDS
SOURCE
ORGANISM
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AX224976/c
LOCUS
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AUTHORS
TITLE
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                                          RESULT 21
AX294314
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ACCESSION
VERSION
KEYWORDS
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AX293668
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AX294314
Sequence
AX294314
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Libraries of optimum subsequence regions of mrna and genomic dn
for control of gene expression
Patent: WO 0161030-A 130 23-AUG-2001;
Cytoclonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Dept. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
                                                                                                    w
                                                                                                                                                                                                                                                                                    Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of sequence differences using ligase detection reaction Patent: WO 0179549-A 5430 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct synthetic construct
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Similarity 88.9%;
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                                                                                                                                                          Conservative
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               6076
                                                                                                                                                                                                                                organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                  /note="Hypothetical Probe Sequence"
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Patent WO0161030.
               Patent
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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               20 bp DNA WO0179548.
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REFERENCE AUTHORS TITLE

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SOURCE VERSION KEYWORDS

ORGANISM

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REFERENCE AUTHORS TITLE

JOURNAL

FEATURES

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ACCESSION VERSION KEYWORDS

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AX298760
Mus sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners
Patent: WO 0183749-A 204 08-NOV-2001;
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Sequence 204 from Patent
AX298570
AX298570.1 GI:17128560
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                              394 from Patent
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                                                                                                                                                                                                                                                                                                       organism="Mus sp."
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/db_xref="taxon:32630"
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Pred. No. 1.8e+03;
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Pred. No. 1.
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Query Match
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Mus sp.
Eukaryota;
              Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jo
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.
Gene and sequence variation associated with sensing
compounds and other sweeteners
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Patent: WO 0183749-A 394 08-NOV-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S.Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners patent: WO 0183749-A 396 08-NOV-2001; WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center WARNER-LAMBERT COMPANY (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 GTCGACATTTAGGTGACA
compounds and other sweeteners Patent: WO 0183749-A 400 08-NOV-2001;
                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/mol_type="unassigned
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/db_xref="taxon:10095"
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Pred. No. 1.8e+03;
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Specific multiplex analysis of nucleic acids
Patent: WO 0171028-A 9 27-SEP-2001;
Evotec Analytical Systems GmbH (DE)
Location/Qualifiers
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Sequence 9 from Patent WO0171028.
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                                                                                                                       Reuber, B.E., Muck, S.E., Weiner, O.E. and Zirwes, Specific multiplex analysis of nucleic acids Patent: WO 0171028 A 12 27-SEP-2001; Evotec Analytical Systems GmbH (DE)
Location/Qualifiers
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Sequence 12
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             h 0.2%;
Similarity 88.9%;
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from Patent WO0171028.
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Score 14.8; DB 1;
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Sequence 3 from Patent WO0236820.
AX490830
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                                                                                                                                                                                                                         Methods for assessing the risk of non-insulin-dependent diabetes mellitus based on allelic variations in the 5'-flanking region of the insulin gene and body fat Patent: WO 0236820-A 3 10-MAX-2002; Bougneres, Pierre. Hospital Saint Vincent de Paul (FR) Location/Qualifiers
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synthetic construct
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larity 88.9%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Patent: WO 02072882-A 4530 19-SEP-2002;
OGHAM GmbH (DE)
Methods for assessing the risk of obesity based on allelic variations in the 5'-flanking region of the insulin gene
                                                                      synthetic construct synthetic construct
                                                                                                                           Sequence 3 from Patent WO03012139.
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AX613505
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
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                           Bougneres, P.
                                                       artificial sequences.
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4675 from Patent WO02072882.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX764066/c
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Sequence 11 from Patent WO03040304.
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Sequence 9 from Patent WO03040304
XX764064
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Bougneres, Pierre Hospital Saint Vincent de Paul
Location/Qualifiers
                                                                                                                          Holmberg, J. and Frisen, J. Method of proliferation in neurogenic regions Patent: WO 03040304-A 11 15-MAY-2003; Neuronova AB (SE)
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="PCR Primer"
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Matches 16; Conservative
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Sequence 1221 from Patent
AX805053
AX805053.1 GI:38522194
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Oreochromis niloticus
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Method for analysing hereditary masculine
Patent: WO 03050299-A 50 19-JUN-2003;
                                                                                                                                                                                                  Genomar ASA (NO)
                                                                                                                                                                                                                          recognition
                                                                                                                                                                                                                                   Lie,Y., Slettan,A., Hoeyum,M. and Lingaas,F. Verification of food origin based on nucleic
                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei; Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes; Labroidei; Cichlidae; Oreochromis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OGHAM GmbH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                             WO 03060160-A 1221 24-JUL-2003;
                                                                                                                                    /organism="Oreochromis
/mol_type="unassigned I
/db_xref="taxon:8128"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                     Location/Qualifiers
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0; Mismatches 2;
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Pred. No. 1.8e+03;
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984 CAAGGAGATCAAGGGCCT 1001
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Similarity 88.9%;
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Similarity 88.9%;
 CAAGGAGATCATGGACCT
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25-AUG-1997 JP 1998512701
09-SEP-1996 US 60/025853
HOWARD MARK LATEN
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Strandedness: Single;
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JP 2001500009-A/23
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                                                                                                                                                                                                                                    lopology: Linear;
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Corporation (US)
                                                                                                                                                                       /organism='Unidentified'
                                                                                                                /organism="unidentified"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="Description of Artificial Sequence:
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AL Patent: WO 0138530-A 27 31-MAY-2001;
TAKEDA CHEMICAL INDUSTRIES LTD, ATSUSHI NAKANISHI, SHIGERU MORITA
OS Artificial Sequence
PN WO 0138530-A/27
PD 31-MAY-2001
PF 22-NOV-2000 WO 2000JP008232
PR 24-NOV-1999 JP 99P 33479, 27-APR-2000 JP 00P 127589 PI
ATSUSHI NAKANISHI, SHIGERU MORITA
PC C12N15/12, A61K31/7105, A61K48/00, A61P11/06, A61K33/53, A61K33/15,
PC G01N33/50, A61K31/7105, A61K48/00, A61P11/06, A61K33/53, A61K33/15,
PC G01N33/15/C07K16/18
CC Primer
FH Key
Location/Qualifiers
FT source
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PN WO 0138530-A/28
PD 31-MAY-2001
PF 21-MOV-2000 WO 2000JP008232
PR 24-NOV-1999 J9 99P 333479,27-APR-2000 JP 00P 127589 PI
ATSUSHI NAKANISHI,SHIGERU MORITA
PC C12N15/12,A61K31/7105,A61K48/00,A61P11/06,A61K33/53,A61K33/15,
PC G01N33/50,
PC G01N33/15/C07K16/18
PC G01N33/15/C07K16/18
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/organism='Artificial Sequence'.
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Use of disease-related gene.
BD096020
BD096020.1 GI:22641608
WO 0138530-A/27.
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Patent: WO 0138530-A 28 31-MAY-2001;
TAKEDA CHEMICAL INDUSTRIES LTD,ATSUSHI NAKANISHI,SHIGERU MORITA
OS Artificial Sequence
PN WO 0138530-A/28
PD 31-MAY-2001
                                                                                                                                                                                                                                                                                                                                                            Use of disease-related gene. BD096021
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1 (bases 1 to 20)
Nakanishi,A. and Morita,S.
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WO 0138530-A/28.
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/organism='Artificial Sequence'
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Location/Qualifiers
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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                                                                           unidentified
  Koga, H
                                                           unclassified.
                                                                                       unidentified
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1 (bases 1 to 20)
Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PD 15-JAN-2002

PF 15-APR-1998 JP 1998543635

PR 15-APR-1997 US 60/043553,05-JUN-1997

JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES

THOMAS CASKEY, ROGER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel LDL-receptor
Novel LDL-receptor
Patent: JP 2002501376-A 260 15-JAN-2002;
Patent: JP 2002501376-A 260 15-JAN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia
1 (bases 1 to 20)
Cartany C.T. Cox.R.D., Gerhold,D., Hamy
                                                                                              BD128057.1 GI:23223002
JP 2002017375-A/3488.
                                                                                                                            BD128057
Primer for synthesizing
BD128057
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Chlamydia sp.
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17, A61K39/395,
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                                                                                                                                                                                                                                                                                                                                                                         /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.8e+03;
0; Mismatches 2.
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Pred. No. 1.8e+03;
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full-length
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Best Local S
Matches 16
 Query Match 0.2%;
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                 JOURNAL
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Patent: JP 2002017375-A 3488 22-JAN-2002;

PATENTE RESEARCH INSTITUTE

OS Unidentified
OS Unidentified
PN JP 2002017375-A/3488
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PF 07-JUL-2000 JP 2000253172
PF TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, S
PI SURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI
REINICHI KOJIMA,
PRINCENTI USCANIT POCA
                                                                                                                                                                                                                                                                   artificial sequences.

1 (bases 1 to 20)
Nakanishi, A. and Morita, S.
Utilization of disease-related gene
Patent: JP 2002010791-A 27 15-UAN-2002;
TAKEDA CHEMICAL INDUSTRIES LTD
OS Artificial Sequence
PN JP 2002010791-A/27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           898
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BD1128295
20 bg
Utilization of disease-related
BD128295
BD128295.1 GI:23223240
JP 2002010791-A/27.
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Description of Artificial Sequence: an artificially CC

synthesized primer

CC sequence

FC sequence

Key

FT source

Coation/Qualifiers

FT source

Corganism='Unidentified'
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16; Conserv
                                                                                                                                synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AATGAGTTCATGTGTGTG
                                                                                                                                                                                                              ATSUSHI NAKANISHI,SHIGERU MORITA
C12N15/09,A61K31/711,A61K45/00,A61K48/00,A61P11/00,A61P11/06,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI
                                                                                                                                                                                                                                         15-JAN-2002
22-NOV-2000 JP 2000356049
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                                                                                                                                             source
                                                                                                                                                                        Primer
                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Score 14.8; DB 1;
Pred. No. 1.8e+03;
0; Mismatches 2
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Pred. No. 1.8e+03;
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3801 CAAGTCTCGGAGCTGCTG 3818
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                                                                                                                                                                                                                                                                                     Sequence 10 from patent AR020912
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Utilization of disease-related
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                                                                                                              organism="unknown"
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1 (bases 2 to 20)
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Bergsma, D.Jon., Stambolian, D.Edward.,
Human galactokinase gene
Patent: US 5789223-A 10 04-AUG-1998;
Location/Qualifiers
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ATSUSHI NAKANISHI,SHIGERU MORITA
C12N15/09,A61K31/711,A61K45/00,A61K48/00,A61P11/00,A61P11/06,
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Score 14.8; DB 1
Pred. No. 1.9e+03
0; Mismatches
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Pred. No. 1.8e+03;
0; Mismatches 2
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CAGGTCGCGGAGCTGCTG

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KEYWORDS
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AUTHORS
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AR069242
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AR051035/c
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AR051035
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1 (bases 1 to 21)
Prockop,D.J., Ala-Kokko,L.,
Baldwin,C., Hopkinson,I. an
                                             Unknown
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                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 21)
Reeders,S., Schneider,M. and Glucksmann,M.Alexandra.
Identification of polycystic kidney disease gene, diagnostics
                                                                                                                                                                                                                                                                                                                                                                       Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 17 from patent AR069242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 21)
Bergsma, D.Jon. and Stambolian, D.Edward.
Human galactokinase gene
Patent: US 5830649-A 10 03-NOV-1998;
                                                                              AR072259.1
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                                Unclassified
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                                                                                                   62 from patent
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                                                                                                                                                                                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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 L., Williams, C.J., and Ahmad, N.Nina.
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S 5891628.
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            Ritvaniemi, P.,
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1 Similarity 88.9%;
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I26370
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                                                                                                                              l (bases 1 to 21)
Prockop,D.J., Ala-Kokko,L. and Ritvaniemi,P.
Primers and methods for detecting mutations in the procollagen II
gene that indicate a genetic predisposition for osteoarthritis
Patent: US 5558988-A 62 24-SEP-1996;
                                                                                                                                                                                                                                                                                                                                      4
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Taylor, K.D., Scheuner, M.T., Rotter, J.I. and )
Genetic test to determine non-responsiveness
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                                                                                                                                                                                                     Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: US 6297014-A 9 02-OCT-2001;
Location/Qualifiers
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nilarity 88.9%;
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                                                                                /organism="unknown"
/mol_type="unassigned
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                 Score 14.8; DB 1;
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Best Local Similarity 88.9%;
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AR295321
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16; Conserv
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Ras suppressor SUR-8 and related compositions
Patent: US 6506889-A 12 14-JAN-2003;
Location/Qualifiers
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Sequence 12 from patent
AR275180
i (bases 1 to 21)
Cohen,D., Chumakov,I. and
Biallelic markers for use
disequilibrium map of the
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Unclassified.
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ilarity 88.9%;
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/mol_type="genomic DNA"
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/mol_type="unassigned
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              3894 CTGGAGTTACTTTCATAG 3911
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Sequence 6 :
AR302251
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Hiraoka,A., Sugimura,A. and Mio,H.
Hematopoietic stem cell growth factor
Patent: US 6541217-A 6 01-APR-2003;
Location/Qualifiers
                                                                                                                           1 (bases 1 to 21)
Powers,S., Yang,J. and Cutler,G.
G-protein coupled receptor BCA-GPCR-3
Patent: US 6635741-A 12 21-OCT-2003;
                                                                                                                                                                                Unknown.
                                                                                                                                                                                                               Sequence 12 from patent US AR411141 AR411141.1 GI:40163139
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                                                                                                                                                                      Unclassified.
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Similarity 88.9%;
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/mol_type="unassigned DNA"
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/mol_type="genomic |
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                                                                               /organism="unknown"
/mol_type="genomic"
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                                        Score 14.8; DB 1;
Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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RESULT 2153 AR411815/c

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RESULT 2155
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AX004326/c
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Sequence
AX004326
Ballabio,A. and Casari,G.

Protein associated to hereditary spastic paraplegia

Patent: WO 9958556-A 38 18-NOV-1999;

FONDAZIONE TELETHON (IT); BALLABIO ANDREA (IT); CASARI GIORGIO (IT)
                                                                                                           AX010869 21 bp
Sequence 38 from Patent W09958556.
AX010869
AX010869.1 GI:9997580
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Powers,S., Yang,J. and Cutler,G.

G-protein coupled receptors amplified in breast

Patent: US 6638733-A 12 28-OCT-2003;
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AR411815
AR411815.1 GI:40164249
                                                                           synthetic construct synthetic construct
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Methods for obtaining plant varieties
Patent: WO 9919492-A 78 22-APR-1999;
BETZNER ANDREAS STEFAN (AU); DOUTRIAUX MARIE PASCALE (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                             /note="Forward primer for PCR amplification SSLP marker in Arabidopsis thaliana subspeci
                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.9e+03;
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Query Match 0.2%;
Best Local Similarity 88.9%;
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Sequence 85 from Patent WO0118250.
AX094907
                                                                                                               Single nucleotide polymorphisms in genes Patent: WO 0118250-A 85 15-MAR-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Pharmaceuticals, Inc. (US)
                                                                                                                                                                                                                                                                Homo sapiens (human)
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                                                                                                                                                                                   Mccarthy, J.J.
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                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutelo
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                organism="Homo sapiens"
/mol_type="unassigned DN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                               db_xref="taxon:9606"
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Pred. No. 1.9e+03;
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 Score 14.8;
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Sequence 195 from Patent
AX095017
AX095017.1 GI:13511220
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mccarthy, J.J.
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                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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AX096475
Sequence 1653 from Patent
AX096475
AX096475.1 GI:13512729
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Sequence 1454 from Patent
AX096276
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Sequence 223 from Patent
AX095045
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.9e+03
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RESULT 2164
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Sequence 44 from Patent W00138576.
XX153946
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Sequence 1974 from Patent
AX096796
AX096796.1 GI:13513050
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                                                     Homo sapiens
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Cargill, M.,
                         Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                Homo sapiens (human)
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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 Ireland, J.S.
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                                        Euteleostomi;
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AX154400/c
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AX154342/c
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Sequence 498
AX154400
AX154400.1
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Sequence 440 from Patent
AX154342
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patent: WO 0138576-A 44 31-MAY-2001; 
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 
Location/Qualifiers
                                                                                                                            Cargill, M., Ireland, J.S. and Lander, E.S. Human single nucleotide polymorphisms Patent: WO 0138576-A 498 31-MAY-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human single nucleotide polymorphisms
Patent: WO 0138576-A 40 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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nilarity 80.0%;
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                                               organism="Homo sapiens"
/mol_type="unassigned DN/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                               Location/Qualifiers
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/db_xref="taxon:9606"
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; Pred. No. 1.9e
1; Mismatches
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Pred. No. 1.9e+03;
1; Mismatches 3;
 Score 14.8; DB 1;
Pred. No. 1.9e+03;
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RESULT 2169
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Best Local S
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Sequence 125 from Patent
AX214312
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 Sequence 6
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Patent: WO 0146418-A 5 28-JUN-2001;
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                                                                                                                                   Conservative
                                                                                                                                                                                       /note="Nucleic Acid"
                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xrefe="taxon:35630"
/noTe="Oligonucleotide primer ZC23,641"
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21 bp
Patent W00168670.
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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AX253157/c
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                                        Sequence
AX253157
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Sequence 9 from Patent WO0168670.
AX250717
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Novel family of mechanically sensitive human potassium channels activated by polyunsaturated fatty acids and use thereof Patent: WO 0168670-A 6 20-SEP-2001;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
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                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Butheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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synthetic construct
                          AX253157.1
                                                                 AX253157
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Similarity 88.9%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1
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AX498248/c
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AX366994
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Novel g-protein coupled receptors
Patent: WO 0168704-A 12 20-SEP-2001;
TULARIK, INC. (US) ; Powers, Scott (Cutler, Gene (US)
                        Dubertret,B., Calame,M. and Libchaber,A. Methods employing fluorescence quenching Patent: WO 0218951-A 4 07-MAR-2002; THE ROCKEFELLER UNIVERSITY (US) Location/Qualifiers
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Sequence 4 from Patent WO0218951.
AX498248 GI:23343167
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/mol_type="unassigned DNA"
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/db xrefs"ttaxon:32630"
/noTe="PCR amplification primer
organism="synthetic construct"
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Sequence 22 from Patent WO02068684.
AXS35783
AXS35783.1 GI:25262240
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AX535782
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artificial sequences.
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                                                                                                           /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Shenoy,S., .E., Patturajan,M.,

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   AX675794
Sequence 244 from Patent
AX675794
AX675794.1 GI:29333631
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Sequence 108 from Patent
AX662006
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AX708291
LOCUS
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
AX708291
Hepatitis B virus
Hepatitis B virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic construct
synthetic construct
artificial sequences.
                                                          Sequence 102 from Patent AX710802
                                                                                                                                                               4 AAAGAGAGGGATTCTAAC
                                                                                                                                                                                                                                                                                                                                                                   Gene expression in plastids based on replicating vectors Patent: WO 03004658-A 20 16-JAN-2003; Icon Genetics AG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             artificial
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                                                                                                                                                                                                                                       Similarity
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Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 from Patent WO03004658
                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                 /note="PCR primer"
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                                             GI:29787183
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Pred. No. 1.9e
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Pred. No. 1.9e+03;
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BD000943
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1164 GCTCAAGTATCCCCATCT 1181
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Sequence
AX828104
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BD000943.1 GI:18625502
JP 2000342285-A/103.
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16; Conserv
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Method and reagent for inhibiting HBV viral replication Patent: EB 1288256-A 102 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 TGACTTCTTTCCTTCTAT 19
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                                                                                                                                                                                        Method and reagent
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larity 88.9%;
Conservative
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/mol_type="unassigned RNA"
/db_xref="taxon:10407"
                                                                                                                                                                                                                                                                                                                                          organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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for inhibiting
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Pred. No. 1.9e
0; Mismatches
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1.9e+03;
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L.9e+03;
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PF U1-MAY-1992 U
14-MAY-1992 US
16-AUG-1992 US
26-AUG-1992 US
26-AUG-1992 US
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14-MAY-1992 US
15-OCT-1992 US
15-OCT-1992 US
                                                                                                                                                                                                                                                        Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak Holesek, J.J. and Mamone, A.J. Matchida and reagent for inhibiting viral replication Patent: JP 2000342286-A 103 12-DEC-2000;
                                                                                                                                                                                                                                                                                                                                                               BD001372.1 GI:18625931
JP 2000342286-A/103
                                                                                                                                                                                                                                                                                                          artificial sequences.
1 (bases 1 to 21)
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synthetic construct
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                                                                                                                                                                                                                                Artificial Sequence
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C12N15/09, C12N5/10, C12N7/00, C12N9/22//(C12N5/10, C12R1:91),
                                                                                                                                                                                                                   JP 2000342286-A/103
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)1-MAY-2000
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and reagent for inhibiting
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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 0 JP 2000132651
07/882689,14-MAY-1992 U
07/882713,14-MAY-1992 U
07/8828823,14-MAY-1992 U
07/882886,14-MAY-1992 U
07/882886,14-MAY-1992 U
07/882982,14-MAY-1992 U
07/883949,14-MAY-1992 U
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07/884074,14-MAY-1992 U
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07/884074,14-MAY-1992 U
07/884074,14-MAY-1992 U
07/88436,14-MAY-1992 U
07/983738,26-AUG-1992 U
07/963322,07-DEC-1992 U
07/987130,07-DEC-1992 U
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07/8828823,14-MAY-1992 U
07/882886,14-MAY-1992 U
07/882889,14-MAY-1992 U
07/882889,14-MAY-1992 U
07/882922,14-MAY-1992 U
07/883849,14-MAY-1992 U
07/884074,14-MAY-1992 U
07/884074,14-MAY-1992 U
07/884036,14-MAY-1992 U
07/98736,618-SEP-1992 U
07/936086,18-SEP-1992 U
07/936086,18-SEP-1992 U
07/936086,18-SEP-1992 U
07/963122,07-DEC-1992 U
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Pred. No. 1.9e+03;
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07/882828
07/882828
07/882921
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07/884933
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DADYKTZ, JAMES

MACSWIGEN,

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BD074433
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PI JAME
PC C12N
PC A61K
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PC A61P
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CC
FH Key
FT source
FT
                                                                                                                                                                                                                                                         PC A61P43/00,C12N5/10,C12N9/24,C12Q1/68,G01N33/15,G01N33/50// PC A61K39/395,
PC A61K39/395,C12N15/00,A61K37/02,C12N5/00
CC Polymucleotide encoding polypeptide having
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PP
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IRIS
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CC and
CC expression of t
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Pecket, I., Vlodavsky, I. and Elena, F.
Polynucleotide encoding polypeptide having heparanase expression of the polypeptide in induced cell patent: JP 2001514855-A 14 18-SEP-2001;
INSIGHT STRATEGY & MARKETING LTD, HADASIT MEDICAL RESE & DEVELOPMENT LTD
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JP 2001514855-A/14.
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 h 0.2%;
Similarity 88.9%;
16; Conservative
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                                                                                                                                                                                                                                                                                                                                           31-AUG-1998 JP 2000508806
02-SEP-1997 US 09/202170,02-JUL-1998 US 09/109386 PI
PECKER, ISRAEL VLODAVSKY, FEINSTEIN ELENA
C12N15/09,A61K38/00,A61P9/10,A61P17/00,A61P29/00,A61P35/00,
                                                                                                                                                                                       expression of the polypeptide Location/Qualifiers
                                                                                                                                                                                                                                                       A61K39/395,C12N15/00,A61K37/02,C12N5/00
Polynucleotide encoding polypeptide having
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18-SEP-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JAMES J HOLESEK, ANTHONY J MAMONE
C12N15/09, C12N5/10, C12N7/00//A61K38/43, A61K39/125, A61K39/13,
A61K39/135,
A61K39/145, A61K39/21, A61K39/23, A61K39/245, A61K39/29, A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism='Artificial
                                                                 /mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                   /organism='Nucleic acid'
                                                                                                   organism="unidentified"
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Pred. No. 1.9e+03;
0; Mismatches 2;
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Score 14.8; DB 1;
Pred. No. 1.9e+03;
0; Mismatches 2
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                                                                                                                                                                                                       in induced cell
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                                Length 21;
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RESULT 2186
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ORGANISM
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ACCESSION
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KEYWORDS
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ORGANISM
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KEYWORDS
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BD107353
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                     6317 GGCTACTGTTGCTGGGAA 6334
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Human interferon transgenic plant
Patent: JP 2002017187-A 4 22-JAN-2002;

NIHON CHEMICAL RESEARCH KK
OS Oryza sativa (rice)
PN JP 2002017187-A/4
PD 2002017187-A/4
PD 22-JAN-2000 JP 2000207230
PF 07-JUL-2000 JP 2000207230
PF HIROYUKI JONO, JUNICHI KOGA, KUNISUKE TANAKA, TAKEHIRO MASUMURA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Oryza sativa
Oryza sativa
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 BIKEN CHEMICAL CO LTD, KENTARO NAGAMINE
S Artificial Sequence
PN W0 0224902-A/55
PD 28-MAR-2002
                                                                                                                      A method for synthesizing of polynucleotide Patent: WO 0224902-A 55 28-MAR-2002;
                                                                                                                                                                synthetic construct
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 21)
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1 (bases 1 to 21)
                                                                                                                                                                                                                                 WO 0224902-A/55.
                                                                                                                                                                                                                                              BD142507.1 GI:23237452
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                                                                                                                                                                                                                                                                             A method for synthesizing
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            19-SEP-2001 WO 2001JP008142
19-SEP-2000 JP 00P 283862
KENTARO NAGAMINE
                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Key Location/Qualifiers
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C12N15/09, C12Q1/68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Oryza sativa"
/mol_type="genomic DNA"
/db_xref="taxon:4530"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism='Oryza sativa (rice)'.
Location/Qualifiers
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Pred. No. 1.9e+03;
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of
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                                             RESULT 2188
AJ589827
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    DEFINITION
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BD196328
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Best Local :
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Vertebrate telomerase genes and proteins and uses thereof
Patent: JP 2002514928-A 62 21-MAY-2002;
CAMBIA BIOSYSTEMS LLC,PETER MACCALLUM CANCER INSTITUTE
OS Artificial Sequence
PN JP 2002514928-A/62
PD 21-MAY-2002
PF 01-JUL-1998 JP 1999508771
PR 01-JUL-1998 US 60/051410,21-JUL-1997 US 60/053018 PR
21-JUL-1997 US 60/053329,04-AUG-1997 US 60/054642 PR
9-SEP-1997 US 60/053329,04-AUG-1997 US 60/054642 PR
09-SEP-1997 US 60/053827
PI ANDRZEJ KILIAN,DAVID BOWTELL
PC C12N15/51,
PC ASIX31/70
CC Description of Artificial Sequence:Synthesized Amplification
                                                                                                                                                                                      7335 TGAGCTGTACCTTGTCCA 7352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4368 ACAGGCTGGGGAATTTTG 4385
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AJ589827 21 bp DNA linear Arabidopsis thaliana T-DNA flanking sequence, right
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BD196328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kilian, A. and Bowtell, D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   artificial sequences.
1 (bases 1 to 21)
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                                                                                                                                                                                                                                                          Similarity
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Key
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description of Artificial Sequence:Synthesized Amplification Primer Design
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   source
                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Artificial
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                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                          Score 14.8;
Pred. No. 1.
                                                                                                                                                                                                                                    Mismatches
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    border,
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  PLN 23-OCT-2003
border, clone
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MEDLINE
PUBMED
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AUTHORS
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SOURCE
ORGANISM
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VERSION
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DOGP41301/c
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Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue gaston Cremieux, 91057 Evry cedex, FRANCE

PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publicalines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante.info.infobiogen.fr).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1180 CTGCCCTGCCTACAAGTT 1197
                                        Canis familiaris (dog)

Canis familiaris

Canis familiaris

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleost

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 22)

Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.

One hundred and one new simple sequence repeat-based markers
the canine genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16;
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AJ589827.1 GI:37939451
Aj589827.1 GI:37939451
right border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                       L24300.1 GI:401993
PCR identification; PCR primer;
                                                                                                                                                                                                                                                                                                     Dog (Clone:
L24300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 (bases 1 to 21)
Balzergue, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
  95268214
                            Mamm.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EMBO Rep. 3 (12), 1152-1157 (2002)
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Similarity 88.9%;
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                          Genome 6 (3), 192-195 (1995)
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/cultivar="Wassillewskija"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note="T-DNA flanking sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="Arabidopsis thaliana T-DNA insertion
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/clone="558H06"
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Pred. No. 1.9e+03;
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Euteleostomi; Canis.

MAM 16-JAN-1996

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                                                                                                                                                        942 GCAGCCCAAGCCCCTCAC 959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seattle, WA 98104, USA
e-mail: EAOstrander@lbl.gov
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for Annealing: 55 or 59 degrees C for 0.45 mi
Polymerization: 74 degrees C for 1.00 minutes
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A79440
unidentified unidentified
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Submitted by:
                                                  Sequence 20 from Patent WO9731126. A79446
                                                                                                                                                                                                                                                                                                          Chadwick,R.B. and Johnston-Dow,L.
METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES
Patent: WO 9731126-A 14 28-AUG-1997;
PERKIN ELMER CORP (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Fred Hutchinson Cancer Research Center
Transplantation Biology Dept
1124 Columbia, Mailstop M318
                                      A79446.1
                                                                                                                                                                                                                                                                                                                                                                                                                           A79440.1
                                                                                                                                                                                                                                                                                                                                                                                                  unidentified
                                                                                                                                                                                                                                                                                                                                                             unclassified.
1 (bases 1 to 22)
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/dev_stage="adult"
/tissue_lib="E. Ostrander,
1. .22
                                                                                                                                                                                                                                                                                                                                                                                                                                                    14 from Patent
                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                       GI:6092454
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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6884 CTGGGTTGGTGCTCTCCC
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AR087523
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                                                                                                l (bases 1 to 22)
UChimiya.H., Fushimi,T., Kudou,U. and Tagawa,M.
Rice NADH-dependent reductase, gene therefor, a
Patent: US 5966172-A 3 16-NOV-1999;
Location/Qualifiers
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1 (bases 1 to 22)
Chases 1 to 22)
Chadwick,R.B. and Johnston-Dow,L.
METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES Patent: WO 9731126-A 20 28-AUG-1997;
PERKIN ELMER CORP (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 22)
Hayden,M., Lin,B. and Nasir,J.
Hayden model for Huntington's Disease
Patent: US 5849995-A 31 15-DEC-1998;
                                                                                                                                                                               Unknown.
                                                                                                                                                                                                                                      AR087523
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                               /mol_type="unassigned DNA"
                                                                            /organism="unknown"
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/mol_type="unassigned DNA"
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Pred. No. 2e+03;
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Best Local S
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AR143256
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1 (bases 1 to 22)
Borchert, T. Vedel., Svendsen, A., Andersen, C., Nielsen, B., Nissen, T. Lauesgaard. and Kj.ae butted.rulff, Sslashedren.
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1 (bases 1 to 22)

Johnston-Dow,L., Chadwick,R.B. and Parham,
Methods and reagents for typing HLA class
Patent: US 6103465-A 14 15-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 22)
Johnston-Dow,L., Chadwick,R.B. and Parham,
Methods and reagents for typing HLA class
Patent: US 6103465-A 20 15-AUG-2000;
Location/Qualifiers
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1 (bases 1 to 22)

1 (bases 1 to 22)

3 (bases 1 to 22)

4 (bases 1 to 22)

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Methods and compositions for the diagnosis
weight disorders, including obesity
Patent: US 6274339-A 50 14-AUG-2001;
Location/Qualifiers
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Patent: US 6204232-A 52 20-MAR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                          Simple detection method
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   /organism='Unidentified'.
Location/Qualifiers
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PAT 31-JAN-2002

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Best Local S
Matches 16
                                                                                                AUTHORS
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AX115082
AX115082.1 GI:14032024
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Caprine arthritis-encephalitis virus
Caprine arthritis-encephalitis virus
Viruses; Retroid viruses; Retroviridae; Lentivirus;
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                                                    Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 205 26-APR-2001; Orchid Biosciences, Inc. (US)
Location/Qualifiers
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                                                                                                          Picoult-Newburg, L. and Pohl, M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned DNA"
/db_xref="taxon:11660"
complement(1. .22)
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Caprine arthritis-encephalitis"
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22 TTCCCGAAGCACAGAGAT 5
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AX140461
                                                                                                                                                          Wolf,E., Werner,S., Halle,J.P., Regenbogen,J. and Goppelt,A. Use of polyeptides or their encoding nucleic acids for the diagnosis or treatment of skin diseases and their use in indentifying pharmacologically acitve substances Patent: EP 1114862-A 83 11-UUL-2001; Switch Biotech Aktiengesellschaft (DE)
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Sequence 3293 from Patent
AX118170
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3293 26-APR-2001;
Orchid BioSciences, Inc. (US)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                     /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence
AX455435
                                  AX477258
Sequence 349 from Patent
AX477258
AX477258.1 GI:22216511
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Novel glycoproteins and methods of use thereof
Patent: WO 0214348-A 62 21-FEB-2002;
Applied Research Systems ARS Holding N.V. (AN)
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Diagnostic use of polymorphisms in the gene coding for the tnf
receptor II and method for detecting non-responders to anti-tn
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Sequence 29 from Patent EP1172444.
AX347996
AX347996.1 GI:18614106
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Research Institute GmbH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                            62 from Patent W00214348.
                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="PCR Probe Sequence"
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/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                      AX551612
Sequence 231 from Patent
AX551612
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
                                                      Li,L., Padigaru,M., Ballinger,R.A., Kekuda,R., Colman,S.D., Sciore,P., Smithson,G., Peyman,J.A., Macdougall,J.R., Stone,D., Vernet,C.A., Shenoy,S., Gunther,E., Millet,I., Tchernev,V.T., Anderson,D., Gusev,V., Malyankar,U.M., Zhong,H., Ellerman,K.E.
                                                                                                                                                                           synthetic construct
synthetic construct
Novel proteins and nucleic acids encoding same Patent: WO 0250276-A 231 27-JUN-2002;
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/db_xref="taxon:32630"
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AX742813/c
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AX703196/c
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G-protein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 425 01-AUG-2002;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                          Sequence 616 from Patent AX742813
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                                                                                                Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yeh, Pan,C.L. and Chan,P.
Method and detector for identifying subtypes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AX703196.1
                                                   Patent: EP 1302550-A 616 16-APR-2003;
King Car Food Industrial Co., Ltd. (T
                                                                                                                                                                                                       synthetic construct
synthetic construct
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                     Location/Qualifiers
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/db_xref="taxon:32630"
   organism="synthetic construct"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  note="PCR Primer
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Pred. No. 2e+03;
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                                                                                                                                                    Lee, B.H.,
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                                                                                                                                       Kao, Y.F.,
                                                                                                                                                     Lee, H.H.,
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CC Use of polymen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Use of polypeptides for diagnosis or remedy of dermatology diseases or nucleic acids encoding the same, and use thereof for identification of pharmacologically active substances Patent: JP 2001292783-A 25 23-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
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BD079139.1 GI:22624742
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20-JUN-2000 DE 10030149.5
PI ECKARD WOLF, SABINE WERNER, JOERN PETER HALLE, JOHANNES
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                                                                                      Similarity
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17-NOV-1999 DE 19955349.1,17-DEC-1999 US
UN-2000 DE 10030149.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus (mouse)
JP 2001292783-A/25
23-OCT-2001
                                                                                                                                                                                                                                                                                                                           Use of polypeptides for diagnosis or remedy of dermatology diseases or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A61P17/02, C07K14/47, C07K16/18, C07K16/40, C12M1/00, C12N5/10,
                                                                    Conservative
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                                                                                                                                                                                                                                                      pharmacologically active substances
Key Location/Qualifiers
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                                                                                                                                                                                                                                                                                          dentification of
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Location/Qualifiers
                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV
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Best Local Similarity
Matches 13; Conserv
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NOVO NORDISK AS

OS Unidentified
PN JP 2001521739-A/44
PD 13.NOV-2001
PR 30-OCT-1998 JP 2000519071
PR 30-OCT-1997 DK 1240/97,14-JUL-1998 DK PA 199800936 PI
TORBEN VEDEL BORCHERT ALLAN SVENDSEN, KARSTEN ANDERSEN, PI BIYARNE
LENFELDT NIELSEN, TORBEN LAUESGIRLD NISSEN, SOREN PI CAELLPH
PC C12N15/09,C12N1/21,C12N1/21,C12N19/09,C12N1:10),
PC (C12N15/09,C12N1:09),C12N1/21,C12R1:10), (C12N1/21,C12R1:09),
PC (C12N1/21,C12R1:09),C12N15/00,(C12N15/00,C12R1:10),CC Strandedness: Single;
CC /desc = 'Primer pl'
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OS Artificial Sequence PA DE 2001321168-A/5
PD 20-NOV-2001 P 2000140602
PF 12-MAY-2000 JP 2000140602
PF 17OSHIYUKI SASAGAWA
PC C12N15/09,C12Q1/68//GO1N33/569
CC x:a/g, w:a/t, y:c/t, k:g/t
CC Designed peptide based on HPV virus gen
                                                                                                                                                                                                                                                                                                                                                                                                         BD085799
Alpha-amylase variant.
BD085799
BD085799.1 GI:22631409
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Borchert, T.V., Svendsen, A.,
                                                                                                                                                                                                                                                                                                                                                                                           JP 2001521739-A/44.
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JP 2001321168-A/5.
                                                                                                                                                                                                                                                                         Alpha-amylase variant
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1 (bases 1 to 22)
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(12N15/09,C12Q1/68)/G01N33/569
r:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus
Location/Qualifiers
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                                                                                                                                                                                                                                                           JP 2001521739-A 44 13-NOV-2001;
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Location/Qualifiers
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/mol_type="génomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2e+03;
5; Mismatches
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RESULT 2214
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BD184666/c
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SOURCE
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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OS Artificial Sequence
PN p 2002360271-A/645
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PF 28-NOV-2001 TW 90110785
PF 04-MAY-2001 TW 90110785
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI HAENG LEE,
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WEN SHI,
PI CHIN-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
C12N15/09, C12N15/09, C12M1/34, C12N15/00
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00// (C12M1/34, C12R1:93),
PC G01N31/53, G01N33/574, G01N33/58, G01N37/00// (C12M1/34, C12R1:93),
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Use of triplex sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y., Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C. Method and detector for identifying subcypes of human papiloma Patent: JP 2002360271-A 645 17-DEC-2002; KING CAR FOOD INDUSTRIAL CO LTD OS Artificial Sequence PN JP 2002360271-A/645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method
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1 (bases 1 to 22)
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synthetic construct
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                                                                                                                                               AGGCTTGGCGGCGGCGGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW.
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Location/Qualifiers
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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                       structure DNA
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Pred. No. 2e+0
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ACCESSION
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RESULT 2216
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AR137712/c
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Best Local S
Matches 19
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INSTITUT PASTEUR
OS Caprine arthritis-encephalitis virus
PN JP 2002512804-A/21
PD 08-MAY-2002
PF 23-APR-1999 JP 2000546035
PR 24-APR-1999 FR 98/05197
PI PIERRE CHARNEAU, VERONIQUE ZENNOU, HUES
C12N15/00, A61K48/00,C12N5/10,C12N7/00//A61
C12N15/00
PC C12N5/00
CC Strandedness: Double;
CC A can be T
CC Sequence of double strand
FM Key T misc_feature (4)
FT misc_feature (4)
FT misc_feature (2).
                                                                                     4012 AAAATGAGAAAAAAGAGAGAAAACAA 4037
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AR137712
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Charneau, P., Zennou, V. and Firat, H.
Use of triplex structure DNA sequences for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Caprine arthritis-encephalitis virus
Caprine arthritis-encephalitis virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Ovine/caprine
                                                                                                                    19;
                                                                                                                                                                                                                                    1 (bases 1 to 26)
Lin,S.-L., Chuong,C.-M. and Ying,S.-Y.
Method for generating full length cDNA
Patent: US 6197554-A 5 06-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                        AR137712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD226411.1 GI:3303
JP 2002512804-A/21.
                                                                                                                                                                                                                                                                                                                    Unknown
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24-APR-1998 FR 98/05197
74-APR-1998 FR 98/05197
PIERRE CHANKABAU, VERONIQUE ZENNOU, HUESEYIN FIRAT PC
15/09, A61K48/00, C12N5/10, C12N7/00//A61K35/12, C07K14/16,
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Key Location/Qualifiers
                                                                                                                    Conservative
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                                                                                                                                                                           /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Caprine arthritis-encephalitis virus"
/mol_type="genomic DNA"
/db_xref="taxon:11660"
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Pred. No. 26
                                                                                                                                 Score 14.8; DB
Pred. No. 2.4e+(
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PI JULIA E NOV
FOSTER,
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OS Artificial S
PN JP 200237831
PD 12-NOV-2002
PF 09-MAR-2000
PR 09-MAR-1999 1
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Sequence 38
AR174581
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PI STACES
PC C12N11
PC C17K11
PC C07K14
PC C07K14
C12N1/21,
PC C12N5/20
A61K37/02
CC 01igor
FH Key
FT Source
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Novel cytokine ZALPHAll ligand
BD248974
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Novak, J.E., Presnell, S.R.,
Gross, J.A., Johnston, J.V.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   synthetic construct synthetic construct
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Patent: US 6307024-A 38 23-OCT-2001;
Location/Qualifiers
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Patent: JP 2002537839-A 35 12-NOV-2002;
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1 (bases 1 to 26)
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09-MAR-1999 US 09/2649
UL-1999 US 60/142013
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                                                                                                                                                                                                                                      RICHARD D HOLLY, JANE A GROSS, JANET V JOHNSTON, ANDREW J NELSON, STACEY R DILLON, ANGELA K HAMMOND C12N15/09, A61K38/00, A61K45/00, A61F35/00, A61F37/00, C07K14/52, C07K14/53,
                                                                                                                                                                                                                                                                                                                                                                      Artificial Sequence
JP 2002537839-A/35
12-NOV-2002
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                                                                                                                                                           Oligonucleotide primer ZC7764a
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                                                                                                 /organism='Artificial
                                          /organism="synthetic construct"
/mol_type="genomic DNA"
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73.1%;
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; Pred. No. 2.4e
0; Mismatches
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Score 14.8; DB 1;
Pred. No. 2.4e+03;
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AR263648/c
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Sequence 38
AR374073
AR374073.1
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Adler, D.A. and Sheppard, P.O.
Secreted salivary ZSIG63 Polypeptide
Patent: US 6331413-A 7 18-DEC-2001;
Location/Qualifiers
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Sequence 7 from patent US
AR263648
AR263648.1 GI:28075581
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Unclassified.
          Unknown
                       Unknown.
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ilarity 73.1%;
Conservative
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/mol_type="genomic |
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/mol_type="unassigned DNA"
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Pred. No. 2.4e+03;
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Sequence 3 from Patent W00210374.
AX427154
AX427154.1 GI:21530535
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Sequence 9 from Patent WO0125444.
AX106717
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                                                                                                                                                   synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                   Human phosphodiesterase zcytoxi3
Patent: WO 0125444-A 9 12-APR-2001;
ZymoGenetics, Inc. (US)
Location/Qualifiers
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synthetic construct
artificial sequences.
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/mol_type="genomic DNA"
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1 (bases 1 to 26)
Novak, J.E., Presnell, S.R.,
Gross, J.A., Johnston, J.V.,
Hammond, A.K. Score 14.8; DB 1; Pred. No. 2.4e+03; 0; Mismatches 7 Sprecher, C.A., Foster, D.C., Nelson, A.J., Dillon, S.R. and 1; Length Indels 0 Holly, R.D., Gaps 0

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/db_xref="taxon:32630" /note="Oligonucleotide primer ZC7764b" DNA linear PAT 30-APR-2001

Score 14.8; DB 1; Pred. No. 2.4e+03; 0; Mismatches 7; Length 26; 0; Gaps

0

Lin,S.L., Chuong,C.M. and Widelitz,R.B. Gene silencing using mrna-cdna hybrids Patent: WO 02103/4-A 3 07-FEB-2002; UNIVERSITY OF SOUTHERN CALIFORNIA (US) Location/Qualifiers /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /noTe="Poly(dT)-26mer primer" PAT 18-JUN-2002

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SOURCE
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Sequence 53 from Patent W002059357.
AX528804
AX528804.1 GI:25172859
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Assay and kit for analyzing gene expression Patent: WO 02059357-A 53 01-AUG-2002;
Location/Qualifiers
                                                                                                                                                                                                                                          Romantchikov,Y.
Improved method for inserting nucleic acid into cyclic vector Patent: JP 2002532085-A 8 02-OCT-2002;
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17-DEC-1998 US 09/2138
YURI ROMANTCHIKOV
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                                                                       /organism='Artificial Sequence'
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/db_xref="taxon:32630"
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AR072974
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Sequence 11 from patent
AR072974
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Method for identifying peptides that can be specifically and the use of peptide sequences of this type Patent: WO 0216574-A 10 28-FEB-2002;

Xzillion GmbH & CO.KG (DE)

Location/Qualifiers
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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Production method BD171339
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1 (bases 1 to 32)
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JP 2002532085-A/29
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17-DEC-1998 US 09/213834
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Location/Qualifiers
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Query Match
Best Local Similarity
Matches 19; Conserv
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Best Local (
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OS Arcificial S
PN JF 2002218970
PD 06-AUG-2002
PF 23-JAN-2001
PT TADATAKE OKU,
PC C12R1:01)
PC C12R1:01)
PC (C12P21/02, C2
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synthetic construct
artificial sequences.

1 (bases 1 to 33)
2 (bases 1 to 33)
2 (bases 1 to 33)
3 (bases 1 to 33)
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3 (bases 1 to 33)
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4 (
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synthetic construct
artificial sequences.

1 (bases 1 to 3)
Oku,T., Nishio,T. and Sato,T.
Production method of cytochrome c
Patent: JP 2002218979-A 2 06-AUG-2002;
                                                                                                                                                                                                                                               BD173750.1 GI:28415083
WO 02059339-A/2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BD171339.1 GI:28412629 JP 2002218979-A/2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Process for producing cytochrome
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0.2%;
nilarity 73.1%;
Conservative
                                                                                                                                                                                                                                                                                                                    23-JAN-2002 WO 2002JF000467
23-JAN-2001 JP 01P 014510
TADATAKE OKU, TOSHTYUKI NISHIO, TADASHI SATO
C12P21/02, C12N15/53, C12N15/63, C12N1/21//(C12P21/02, C12R1:91),
(C12N15/53, C12R1:01), (C12N1/21, C12R1:01)
Process for producing cytochrome c
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TADATAKE OKU,TOSHIYUKI NISHIO,TADASHI SATO
C12N15/09,C12N1/21,C12P21/02//(C12N15/09,C12R1:91),(C12N1/21,
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JP 2002218979-A/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (C12P21/02, C12R1:01), C12N15/00, (C12N15/00, C12R1:91)
                                                                                                                                                                                                             /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Score 14.8; DI
Pred. No. 2.9e
0; Mismatches
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Pred. No. 2.9e+03;
0; Mismatches 7;
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                              2.9e+03
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                                                       DB 1;
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     Indels
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DEFINITION
ACCESSION
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AR153849
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AUTHORS
TITLE
JOURNAL
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A62503/c
LOCUS
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ACCESSION
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AUTHORS
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Best Local Similarity
Matches 11; Conserv
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Best Local Similarity
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     AR153849
Sequence
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Sequence 8 from Patent EP0771878.
A72376
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                                                                                                                                                                                                                                                PLANTS WITH REDUCED GLUCOSINOLATE CONTENT
PATENT: EP 0771878-A 8 07-MAY-1997;
PLANT GENETIC SYSTEMS NV; CANADA NAT RES COUNCIL
                                                                                                                                                                                                                                                                                                                unidentified unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Van A.K., Marillia,E., Peferoen,M., Grootwassink,J.W., Hemmingsen,S.M., Kolenovsky,A.D., Underhill,E.W. and Macpherson,J.M.
Plants with reduced glucosinolate content Patent: WO 9716559-A 8 09-MAY-1997;
PLANT GENETIC SYSTEMS NV (BE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                        1 (bases 1 to 20)
Van, A.K. and Peferoen, M.
                                                                                                                                                                                                                                                                                                                                         unidentified
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                 N
                                                                                                                                                                                     /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                 GI:6063708
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               patent
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                                                                                                                                       Score 14.6; DB 1;
Pred. No. 1.9e+03;
7; Mismatches 2;
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Pred. No. 1.9e+03;
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                21 bp
6238624.
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                             PAT
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                                                                                       REFERENCE
AUTHORS
TITLE
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KEYWORDS
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AX825165/c
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TITLE
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Best Local
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                                                                                                                                                                           Sequence 63
AX825165
AX825165.1
                                                                                                                                                                                                                                                                                                                            17;
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I36166
                                                             Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic Patent: WO 03072818-A 63 04-SEP-2003; Degussa Bioactives GmbH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 21)
Heller,M.J., Tu.E., Evans,G.A. and Sosnowski,R.G.
Methods for transport in molecular biological analysis and
diagnostics
                                                                                                                                       synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                           1 AAAAAAAAAAAAAAAAAA 21
                                                                                                                                                                                                                                                                                                                                                                                                                           Active programmable electronic devices analysis and diagnostics Patent: US 5605662-A 2 25-FEB-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Heller, M.J. and Tu, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AAAAAAAAAAAAAAAAAA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: US 6238624-A 2 29-MAY-2001;
Location/Qualifiers
                                                                                                                                                                                                               AX825165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unclassified
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                                                                                                                             artificial
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Similarity 81.0%;
17; Conservative
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                  63 from Patent W003072818.
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/mol_type="unassigned
                                                   Location/Qualifiers
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/mol_type="unassigned DNA"
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81.0%;
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Pred. No. 2.1e+03;
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PAT 13-MAY-1997

Length

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Length 21;

Indels

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PAT 11-DEC-2003

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                                                                                     Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method an operation for molecular biological analysis and diagnosis patent: JP 2001525193-A 2 11-DEC-2001;

NANOGEN INC
OS Artificial Sequence
PN UP 2001525193-A/2
PD 11-DEC-2001
PF 01-DEC-1998 JF 2000524303
PR 05-DEC-1997 US 08/986065
PI RONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I PI RONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I PI NETRIBERG,
PI RONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I PI NETRIBERG,
PI MICHAEL J HELLER, CARL F EDMAN
PC C12Q1/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: Synthesized with u at 3'
CC Description of Artificial Sequence: Synthesized with u at 3'
CC Description of Artificial Sequence: Synthesized with u at 3'
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1 (bases 1 to 21)
Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J.
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                                                                    /organism='Artificial Sequence'
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/mod_base=OTHER
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/mod_base=OTHER
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                      organism="synthetic construct"
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/noTe="Beschreibung der kuenstlichen
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                                                                                                                                                                                                           PROTEIN PRODUCTION IN YEAST
Patent: WO 9113158-A 28 05-SEP-1991;
Location/Qualifiers
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ilarity 81.0%;
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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/mod_base=OTHER
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/mal_type="unassigned DNA"
/mb.xref="taxon:32630"
/note="Beschreibung der kuenstlichen
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Pred. No. 2.1e+03;
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1 (bases 1 to 21)
                                                 SHORT THERAPEUTIC derNA OF DEFINED STRUCTURE Patent: WO 9014090-A 4 29-NOV-1990;
Location/Qualifiers
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dsRNA with central hinge
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CE gene mutagenic primer.
A23591
A23591.1 GI:1247968
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Selby, P. J. and Burchill, S.A.

DETECTING TUMOURS

Patent: WO 9617080-A 16 06-JUN-1996;

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SULPHIR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
PATENT: WO 9729116-A 1 14-AUG-1997;
CRUACHEM LTD (GB)
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Sequence 1 from Patent WO9729116.
A64735
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                                                                                                                                             /organism="unidentified"
/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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Macevicz, S.C.
                                                                                                                                                                                                                 Unknown
                                                                                                                                                     DNA sequencing by parallel oligonucleotide extensions Patent: US 5750341-A 4 12-MAY-1998;
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SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
Patent: WO 9729116-A 4 14-AUG-1997;
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                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
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1 (bases 1 to 21)

1 (bases 1 to 21)

Macevicz, S.C.

DNA sequencing by parallel oligonucleotide extensions

Patent: US 5750341-A 5 12-MAY-1998;

Location/Qualifiers
                                                                                                                                                                                                                                        l Similarity
17; Conserv
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17; Conserv
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Sequence 5 from
AR006858
Unclassified.

1 (bases 1 to 21)

1 (bases 1 to 21)

Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
                                                                                                   AR074334
Sequence 142 from patent
AR074334
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Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
Imbach, J.Louis.
                                                                                                                                                                                                                                                                                                                                        Oligonucleotides having a conserved G4 Patent: US 5952490-A 63 14-SEP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 63
AR074255
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                                                                 Unknown
                                                                                         AR074334.1 GI:10001089
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ilarity 81.0%;
Conservative
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
0; Mismatches 4;
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Pred. No. 2.
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US 5952490
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AR080895/c
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Matches 17
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Sequence 5
AR080896
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Oligonucleotides having a conserved G4
Patent: US 5952490-A 142 14-SEP-1999;
Location/Qualifiers
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Sequence
AR080895
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                                                                                                                      DNA sequencing by parallel olgonucleotide Patent: US 5969119-A 5 19-OCT-1999; Location/Qualifiers
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Macevicz, S.C.
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Location/Qualifiers
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Macevicz, S.C.
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Similarity 81.0%; Pred. No. 2.1e+03;
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Similarity 81.0%;
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                                                                                     /organism="unknown"
/mol_type="unassigned
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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/mol_type="unassigned DNA"

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REFERENCE
AUTHORS
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JOURNAL
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AR173726/c
LOCUS
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AUTHORS
TITLE
JOURNAL
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FEATURES
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AR120048/c
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AR173725/c
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Sequence 52
AR120048
AR120048.1
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                              1 (bases 1 to 21)
Macevicz,S.C.
DNA sequencing by parallel oligonucleotide
Patent: US 6306597-A 5 23-OCT-2001;
                                                                                                                                Sequence 5
AR173726
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Location/Qualifiers
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Macevicz, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4 from patent | AR173725 | AR173725.1 | GI:17914045
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Location/Qualifiers
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Draper, K.G., Kisner, D.L.,
Composition and method fo
                                                                                      Unknown
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/organiem="unknown"
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sequence; Genes.

Jo-1991;

pp 29-AUG-1991

pp 29-AUG-1991

pp 29-AUG-1991

pp 27-DEC-1989 JP 1989341678

pi MIURA YASUTAKA, SHIYOUJI YUKARI, JKUYA HIROYUKI, INOU

pi OHASHI TETSUO, MINAMII YOSHIHIRO, MATSUI CHIAKI PC

C12N15/69,C12N15/11,C12Q1/68;

CC strandedness: Single;

CC *source: strain=A4;

CC *source: library=Ri plasmid;

CC *source: clone=TL-DNA;

FH Key

Iocation/

FT

misc_feature

TT

misc_feature
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E03072/c
LOCUS
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Best Local S
Matches 17
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Best Local Similarity
Matches 17; Conserv
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E04106.1 GI:2172316
JP 1992356189-A/7.
Agrobacterium rhizogenes (Rhizobium rhizogenes)
Agrobacterium rhizogenes
Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales;
Rhizobiaceae; Rhizobium/Agrobacterium group; Agrobacterium.
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
1 (bases 1 to 21)
Miura,Y., Shiyouji,Y., Jikuya,H., Inoue,H.,
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Synthetic DNA sequence which is complementary
                                                                                                              E04106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                lasmid of Agrobacterium rhizogenes.
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                                                                                               for gene relating
                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03
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E04110/c
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SHIMADZU CORP
OS Agrobacterium rhizogenes
PN JP 1992356189-A/7
PD 09-DEC-1992
PF 31-MAY-1991 JP 1991128924
PI MINAMII YOSHHIRO
PC C12N15/11,C07H21/04,C12Q1/68//Ci2N1:
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No.
                                                                                                                                                                                          Patent: JP 1992356189-A 11 09-DEC-1992;
SHIMADZU CORP
OS Agrobacterium rhizogenes
PN JP 1992356189-A/11
PD 09-DEC-1992
PF 31-MAY-1991 JP 1991128924
PI MINAMII YOSHIHIRO
PC C12N15/11,C07H21/04,C12Q1/68//C12N15/
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No.
21
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E04110
Primer for gene relating to dwarfness.
E04110
E04110.1 GI:2172320
JP 1992356189-A/11.
Agrobacterium rhizogenes (Rhizobium rhizogenes)
Agrobacterium rhizogenes
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Minamii,Y.
OLIGONUCLEOTIDE FOR DETECTING PLANT TRANSFORMANT AND DETECTION
THE SAME
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OLIGONUCLEOTIDE FOR DETECTING
                                                         . Similarity
17; Conserv
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CTCATCGCTGCTTGTCACATC 1
                           CTCACCCCATCTTGTCACATC 3027
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yn 192356189-A/11
09-DEC-1992
31-MAY-1991 JP 1991128924
MINAMII YOSHIHIRO
C12N15/11,C07H21/04,C12Q1/68//C12N15/31,(C12N15/11,C12R1:01);
strandedness: Single;
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                                                       Conservative
                                                                                                                 /organism="Agrobacterium
/mol_type="genomic DNA"
/db_xref="taxon:359"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Agrobacterium
/mol_type="genomic DNA"
/db_xref="taxon:359"
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81.0%;
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                                                      Score 14.6; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 4
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E04367/c
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OS Agrobacto
OS Agrobacto
PN JP 1992351
PD 09-DEC-19
PF 31-MAY-19
PF MINAMII Y
PC C12NI5/11
CC strandednu
CC topology
CC topology
CC typothetic
CC anti-sensu
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                                                                                                                                                                                                                            artificial sequences.

1 (bases 1 to 21)

Kihira, Y. and Aeba, S.

RECOMBINATION TYPE PROTEIN A FOR IGG P
Patent: JP 1993051399-A 4 02-MAR-1993;

ORIENTAL YEAST CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Agrobacterium rhizogenes (Rhizobium rhizogenes)
Agrobacterium rhizogenes
Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales;
Rhizobiaceae; Rhizobium/Agrobacterium group; Agrobacterium.
                                                                            strandedness: Single; CC topology: Linear CC hypothetical: No
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                                                                                                                                                                                                                                                                                                                        synthetic construct
synthetic construct
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                                                                                                                                                                   Artificial gene
Artificial sequence; (
JP 1993051399-A/4
02-MAR-1993
                                                                                                                     23-AUG-1991 JP 1991235687
KIHIRA YASUNORI, AEBA SACHIKO
C07K13/00//C12N15/31,C12P21/02,(C12P21/02,C12R1:19);
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  Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        31-MAY-1991 JP 1991128924
MINAMII YOSHIHIRO
                                                                          hypothetical: No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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JP 1992356189-A/17
                                                                                          topology: Linear;
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/mol_type="genomic DNA"
/db_xref="taxon:359"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                             Location/Qualifiers
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81.0%; Pred. No. 2
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PC C12N1/21,C12N1/21,C12N5/10,C12N9/12,C12P21/08,(C12N1/19, PC C12R1:84),

C12R1:84),

PC (C12N1/21,C12R1:19),(C12N9/12,C12R1:19),(C12N9/12,C12R1:84),

PC (C12N9/12,C12R1:91),C12N15/00,A61K37/64,C12N5/00 CC Strandedness: Single;

CC Topology: Linear;

PH Key Location/Qualifiers

FT Source 1 21

FT Source 1 21

FT Jorganism='Unidentified'.
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game and use thereof.
E37245
E37245.1 GI:18624796
JP 2000159798-A/7.
                                                                            Novel physiologically active
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Thomas, R.S., Jochimu, R., Tor Calvin, B.H. and William, H.A.
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JP 1999253177-A/168.
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C12Q1/48,C12Q1/68,G01N33/15,G01N33/48,G01N33/50//C07K14/47, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15-OCT-1998 JP 1998320169
01-OCT-1996 US 08/724.643,18-APR-1997 US 08/846.017,06-MAY-1997 US 08/854.050,14-AUG-1997 US 08/854.050,14-AUG-1997 US 08/912.951,14-AUG-1997 US 08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CALVIN B HAREI, WILLIAM H ANDREWS
C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.1e+03;
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PC CO7X14/705,A61K31
PC A61K38/00,
PC A61K39/395,A61K39
PC C12821/02,
PC C1281:91),
PC C1281:91),
PC A61K37/02,C12N5/0
PC A61K37/02,C12N5/0
PC Topology: Linear;
FH Key
FT Source
[1]
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PN JP 20
PD 13-JI
PF 22-DI
PR SHUJI
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JP 2000159798-A/7
13-JUN-2000
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1 (bases 1 to 21)

Hinuma,S., Tatemoto,K., Hosoya,M., Habata,Y.,
Kitada,C.
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                                                                                                                                                                                                                     1 (bases 1 to 21)
Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the
CATCTGGCCCTGACCCCACTG 3044
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                                                                                                                                                                                       US 5442049-A 52 15-AUG-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                           /organism="unknown"
/mol_type="unassigned
                                                                                                                                                                 Location/Qualifiers
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+(
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Sequence
195513
1 (bases 1 to 21)
1 (bases 1 to 21)
Taichman, R.S. and Emerson, S.G.
Hematopoietic cells: compositions and methods
Patent: US 5733541-A 2 31-MAR-1998;
                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 21)
Freeman,R.M. Jr., Plutzky,J., Neel,B.G. and Ros Methods for identifying a tyrosine phosphatase associated with neoplastic disease Patent: US 5536636-A 44 16-JUL-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      I23567
Sequence 44 from patent US
I23567
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Ecker, D.J., Wyatt, J.R. and Imbach, J.L.
Inhibitors of human immunodeficiency virus
Patent: US 5523389-A 4 04-UN-1996;
Location/Qualifiers
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121708
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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AR183478/c
           AR243481
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Sequence 9 :
AR183478
AR183478.1
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                                                                                                ch 0.2%; Score 14.6; DB 1; Similarity 81.0%; Pred. No. 2.1e+03; 17; Conservative 0; Mismatches 4
                                                                                                                                                                          Patent: US 6350867-A 7 26-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                            1 (bases 1 to 21)
Hart,T.C. and Price,J.A.
Compositions and methods for enhancing
                                                                                                                                                                                                                                                         Unknown.
                                                                                                                                                                                                                                                                                                       Sequence 7
AR195414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Agonist antibodies
Patent: US 6342220-A 9 29-JAN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 21)
Adams, C.W., Carter, P.J., Fendly, B.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
AR243481
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larity 81.0%; Pred. No. 2.1e+0
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/mol_type="unassigned DNA"
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AR243481
AR243481.1
              Malt, D.R. and Healey, B.G.
Fiber optic biosensor for selectively detecting oligonucleotide
species in a mixed fluid sample
Patent: US 6482593-A 12 19-NOV-2002;
Location/Qualifiers
                                                                                                                                           AR255308
Sequence
AR255308
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Walt, D.R. and Healey, B.G.
Fiber optic biosensor for selectively
species in a mixed fluid sample
Patent: US 6482593-A 11 19-NOV-2002;
Location/Qualifiers
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B.,
Harley,C.B. and Andrews,W.H.
                                                                                                                                 AR255308.1
                                                                                                                                                                                                                                                                                                                                                                                                                                           Unknown.
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Location/Qualifiers
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/mol_type="genomic"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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RESULT 2273
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AR266287/c
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AR261618/c
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AR261618
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Altman, T.J., Scott, J. and Stanton, L.W.
Compositions and methods of disease diagnosis and therapy
Patent: US 6322976-A 96 27-NOV-2001;
                                                                                                                                                                          APJ ligand polypeptides
Patent: US 6492324-A 9 10-DEC-2002;
Location/Qualifiers
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Kitada,C.
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                                                                                                                                        /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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81.0%; Pred. No. 2.1e+03;
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81.0%; Pred. No. 2.16
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 8263 25-MAR-2003; Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 6532 25-MAR-2003; Location/Qualifiers
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/organism="unknown"
/mol_type="genomic |
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/mol_type="genomic DNA"
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Sequence 10:
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10129 25-MAR-2003;
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/mol_type="genomic DNA"
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 11222 25-MAR-2003;
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Sequence 507 from patent
AR393251
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Morin, G.B. and Andrews, W.H.

Promoter for telomerase reverse transcriptase

Patent: US 6610839-A 507 26-AUG-2003;
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B.,
Harley,C.B. and Andrews,W.H.
Cells immortalized with telomerase reverse transco
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AX032617
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New members of the glypican gene family
Patent: WO 9937764-A 35 29-UUL-1999;
VEUGELERS MARK RAUL DITMAR (BE); VLAAMS
(BE); DAVID GUIDO JOSEPH FRANS (BE)

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                    Sequence 63 from Patent
AX032617
                                                                                                                                                               Oligonucleotides having a conserved patent: EP 1016715-A 63 05-JUL-2000; ISIS PHARMACEUTICALS INC (US)
                                                                                                                                                                                                               Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. an
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                                                                                                                                                                                                                                                                               unidentified
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                 /organism="unidentified"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03
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                                   Sequence 5 from Patent W00110468. AX083691 AX083691.1 GI:13185419
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synthetic construct synthetic construct
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. an
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                                                                                                                                                                                                                              /note="Synthetic oligonucleotide
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AX095883/c
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                                                                      Lander, E.S., Mccarthy, J.J.
                                                                                                                                 Homo sapiens
                                                                                                                                            Homo sapiens (human)
                                                                                                                                                                    AX095883.1 GI:13512110
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WO0110468.
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Single nucleotide polymorphisms in genes Patent: WO 0118250-A 1061 15-MAR-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEAT Pharmaceuticals, Inc. (US)
                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Drug-carrier complexes and methods of use
Patent: WO 0110468-A 10 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Drug-carrier complexes and methods of use thereof Patent: WO 0110468-A 5 15-FEB-2001; THE GENERAL HOSPITAL CORPORATION (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             n 0.2%; Score 14.6; DB 1; Similarity 81.0%; Pred. No. 2.1e+03;
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/db_xref="taxon:32630"
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                                                                                             Gargill, M., Ireland, J.S., Bolk, S.,
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Pred. No. 2.1e+03;
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                                                                                                                                    Homo.
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AX133283/c
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Chimeric transcriptional regulatory element
prostate-targeted gene expression
Patent: WO 0127256-A 37 19-APR-2001;
The Regents of the University of California
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                     Patent: WO 0130362-A 4501 03-MAY-2001;
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             Similarity
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="PDGF B ribozyme reco
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Pred. No. 2.1e+03;
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AX203718/c
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AX404271/c
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Best Local Similarity
Matches 17; Conserv
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Sequence 97 from Patent WO0224747
AX404271
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                          /organism="synthetic construct"
/mol_type="unassigned_DNA"
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/db_xref="REMTREMBL:CAC60152"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  translation="VEHMFSP"/
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Pred. No. 2.1e+03
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AX404275/c
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AX404276
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17; Conserv
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 98 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Sequence 98 from Patent
AX404272
AX404272.1 GI:21437553
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Sequence 102 from Patent
AX404276
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17; Conserv
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/db xref="taxon:32630"
/note="artificial sequence"
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 102 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
Roby,D., Balague,C., Godard,F. and Lummerzheim,M. Use of a nucleic acid to provide a plant with resistance by a pathogen, and plant transformed with same Patent: WO 0238780-A 9 16-MAY-2002; INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Brinkmann, U. and Hoffmeyer, S.
Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 258 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xrcf="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                Patent: WO 0236761-A 181 10-MAY-2002;
CDANA FARBER CANCER INSTITUTE (US)
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Sequence 181 from Patent
AX587405
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Oligonucleotides for labeling oligonucleotide probes
Patent: WO 0222874-A 123 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Lin,Y.J., Fan,C.C., Hau,H.C., Shih,C.W., Yeh,C.H.,
Pan,C.L. and Chan,P.
Method and detector for identifying subtypes of hum
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                                                                                                        /organism="synthetic construct"
/mal_type="unassigned RNA"
/mal_type="taxon:32630"
/mbe="short interfering RNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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17; Conserv
synthetic
                                                                                 Sequence 266 from Patent AX817518
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:8128"
  construct
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AX837834/c
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Novel polypeptides and nucleic acids encoded thereby Patent: WO 02081517-A 266 17-OCT-2002;

Curagen Corporation (US)
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              Oligomers which inhibit
BD008664
BD008664.1 GI:18637037
JP 2001503620-A/1.
unidentified
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Research Association for Biotechnology
Location/Qualifiers
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. an
Masuho,Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unidentified
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/db_xref="taxon:32644"
/note="Description of Artificial Sequence:
synthesized primer se q"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Description of Artificial Sequence:
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Pred. No. 2.1e+03
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linear

PAT 31-JAN-2002

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BD008667
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Best Local S
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5412 AAGAAATAAAAAGCAAGAGAA 5432
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Oligomers which inhibit expression of inter
Patent: JP 2001503620-A 1 21-MAR-2001;
HISAMITSU PHARMACEUTICAL CO INC
OS Unidentified
PN JP 2001503620-A/1
PD 21-MAR-2001
PF 29-AUG-1997 JP 1998520446
PR 29-AUG-1997 JP 1998520446
PR DANGE VEERAPANANE, SHOJI HAMANAKA, IWAO
CC 07H21/04, A61K39/00, A61K48/00
CC Strandedness: Double;
CC Topology: Linear;
FH Key Linear;
FT Source 1..21
FT Source 1/organism='Unidentifie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21
                                           17;
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                                                        Similarity
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Similarity 81.0%;
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C07H21/04, A61K39/00, A61K48/00
Strandedness: Double;
                                           Conservative
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                                                                                                                                                    /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                       0.2%;
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Pred. No. 2.1e+03;
                                                        Score 14.6; DB 1;
Pred. No. 2.1e+03;
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BD011211
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CC Topology: Linear;
FH Key L
FT source
FT /organism='Unident
                                                                                                                                                                                                                                                                                                              17;
           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; 1 (bases 1 to 21) Adams, C.W., Carter, P.J., Fendly, B.M. and Gurney, A.L. Agonist antibodies against thrombopoietin receptor a
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           G01N33/53,
PC G01N3
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PC C12Q1
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PR 01-OCT-1996 US 08/724643,18-APR-1997 US
25-APR-1997 US 08/846017,06-MAY-1997 US
09-MAY-1997 US 08/854050,14-AUG-1997 US
14-AUG-1997 US 08/912951,14-AUG-1997 US
R SECULI,JOACHIM LINGNER,TORU NAKAMURA, KAREN B
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OS U
PN J
PD 2
                                                                                 Homo sapiens (human)
                                                                                                                                                       Agonist antibodies against use thereof.
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Human telemerase catalytic subunit
Patent: JP 2001081042-A 168 27-MAR-2001;
  use thereof
                                                                                                              JP 2001513999-A/5.
                                                                                                                           BD080951.1 GI:22626554
                                                                                                                                          BD08095
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                                                                                                                                                                                                                                                                                                                                                                                                                   /organism='Unidentified'.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CALVIN B HARLEY, WILLIAM H ANDREWS
A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
C07K5/10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JP 2001081042-A/168
27-MAR-2001
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                                                                                                                                                                                                                                                                                                                                                                /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.
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US 08/844419 08/851843 PR 08/911312 PR 08/915503 PI 08/915503 PI B CHAPMAN, PI G

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GENENTECH INC
OS Homo sapiens (human)
PN JP 200151399-A/5
PD 11-SEP-2001
PF 21-AUG-1998 JP 2000507/
PR 25-AUG-1997 US 08/9:
PI CAMELLIA W ADAMS, PAUL,
PC C11N15/09, A61K31/711, A
A61P37/02,
                                                                                                                                                                                                GENENTECH INC
OS Unidentif:
PN JP 200152.
PD 27-NOV-20
PF 30-AFR-19
PR 02-MAY-19
ROBERT ARATHOO
CC 7K16/00
CC TOpology:
CC A method
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BD085250
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C12N5/00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     unidentified
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                                                                                                                                                                            Topology: Linear;
A method for making multispecific heteromultimeric and
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JP 2001513999-A/5

11-SEP-2001

21-AUG-1998 JP 2000507802

25-AUG-1997 US 08/918148

CAMELLIA W ADAMS, PAUL J CARTER, BRIAN M FENDLY, AUSTIN L GURNEY
CL2N15/09, A61K31/711, A61K39/395, A61F7/00, A61F7/04, A61F7/06, PC
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ilarity 81.0%;
Conservative
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                                                                                                                                                                   common components
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                                         /organism="unidentified'
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Pred. No. 2.1e+03;
0; Mismatches 4;
Score 14.6; DB 1;
Pred. No. 2.1e+03;
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RESULT 2310
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BD173556/c
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                                                                                                                                             synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 21)
Fukada, Y. and Okano, T.
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                                                                          Novel clock gene Bmal2
Patent: WO 02064785-A 28 22-AUG-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP, YOS
OS Artificial Sequence
PN WO 02064785-A/28
                                                                                                                                                                                                                                                                                                                                                                                                           l Similarity
17; Conserv
        BD173556.1 GI:28414887
WO 02064785-A/28.
                                                                                                                                                                                                                                                Novel clock gene Bmal2.
BD173556
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Novel clock gene Bmal2
Patent: JP 2002238567-A 28 27-AUG-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
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synthetic construct
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1 (bases 1 to 21)
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YOSHITAKA FUKADA,TOSHIYUKI OKANO
C12N15/09,A01K67/027,A61K45/00,A61P25/00,A61P43/00,C07K14/465,
13-FEB-2001 JP 01P 035743
YOSHITAKA FUKADA, TOSHIYUKI OKANO
C12N15/12, C07K14/47, C07K19/00, C07K16/18, C12P21/08, C12N1/21,
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                               23-AUG-2001 WO 2001JP007197
13-FEB-2001 JP 01P 035743
                                                            22-AUG-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           C07K16/18,C07K19/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
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RESULT 2313
BD184669
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BD177505/c
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Best Local S
Matches 17
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PC A61K48,
G01N33/50,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   artificial sequences.

1 (bases 1 to 21)
Sugita,Y., Heishi,M., Kagaya,S., Gunji,S. and Sait,H. Sugita,Y., Heishi,M., Kagaya,S., Gunji,S. and Sait,H. A method for testing of steroid response Patent: JP 2002291485-A 2 08-OCT-2002;
GENOX RESEARCH INC, THE DIRECTOR OF NATIONAL CHILDREN'S OS Artificial Sequence
PN JP 2002291485-A/2
                                                                                                                                                                                                                                                                                                                                  ក្តក្ត
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PD 0
PF 0
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Description of Artificial Sequence:cB1F1600-primer FH
Location/Qualifiers
 BD184669
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C12N15/09,A01K67/00,A61K31/56,A61K31/711,A61K39/395,A61K39/395,
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synthetic construct
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                                                                                                                                                                                                                                                                             sequence
Key
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03-APR-2001 JP 2001104621
YUJI SUGITA, MASAYUKI HEISHI, SHINJI KAGAYA, SHIGEMICHI GUNJI,
                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                  Description of Artificial Sequence: an artificially synthesized
                                                                                                                                                                                                                                                                                                                                                                          A61K48/00, A61P37/08, A61P43/00, C12Q1/02, C12Q1/68, G01N33/15,
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                                                                                                                                                                                                                                   /organism='Artificial Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
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Pred. No: 2.1e+03;
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MEDLINE
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Best Local Similarity
Matches 17; Conserv
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OS Artificial Sequence
PN 12002360271-A/648
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PF 28-NOV-2001 JW 90110708
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WEN SHI, YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00// (C12M1/34, C12R1:93),
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00/
PC G12Q1/70, C12R1:93), C12N15/00, C12N15/00
PC G12Q1/70, C12R1:93), C12N15/00, C12N15/00
PC Gap 21-5 primer.
FH Key

T source

1. 21

PT Source

1. 21
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                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleost Mammalla; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 22)

Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.

One hundred and one new simple sequence repeat-based markers
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1 (bases 1 to 21)

Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
Ling,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.

Method and detector for identifying subtypes of human papiloma
Patent: JP 2002360271-A 648 17-DEC-2002;

KING CAR FOOD INDUSTRIAL CO LTD

OS Artificial Sequence
OS Artificial Sequence
                                                                                          pBluescript+) adult spleen DNA. Submitted by:
                                                                                                                                                                                                          the canine genome Mamm. Genome 6 (3), 192-195 (1995)
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PCR_identification;
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Transplantation Biology Dept
1124 Columbia; Mailstop M318
Seattle, WA 98104, USA
                                                                                                                                          Original source text:
                                                                                                                                                                                                                                                                                                                                                                               Canis familiaris (dog)
Canis familiaris
                                                                      Fred Hutchinson Cancer Research Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DOGP38102
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
0; Mismatches 4
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                                                                                                                                             Ostrander,
                                                                                                                                                                                                                                                                                                                                   Euteleostomi; Canis.
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DOGP40002
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MEDLINE
PUBMED
Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local
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                                                                                                                                                                                                                                                                e-mail: BAOstrander@lbl.gov
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00
Annealing: 55 or 59 degrees C for 0.45 minutes
Polymerization: 74 degrees C for 1.00 minutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dog (Clone: CXX.400) primer for L24287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 e-mail: EAOstrander@lbl.gov

PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)

PCR Profile: Denaturation: 94 degrees C for 1.00 minute

Annealing: 55 or 59 degrees C for 0.45 minutes

Polymerization: 74 degrees C for 1.00 minutes

PCR Cycles: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleost Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 22)
Ostrander.E.A., Mapa,F.A., Yee,M. and Rine,J.
One hundred and one new simple sequence repeat-based markers the canine genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Original source text: Canis familiaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         L24287.1 GI:401973
PCR identification; PCR
                                                                                                                                                                                                                                                     Polymerization:
PCR Cycles:
                                                                                                                                                                                                                                                                                                                                                                             Transplantation Biology Dept
1124 Columbia, Mailstop M318
                                                                                                                                                                                                                                                                                                                                                                                                                  Fred Hutchinson Cancer Research Center
                                                                                                                                                                                                                                                                                                                                                                                                                                       Submitted by:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      pBluescript+) adult spleen DNA.
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                                                                     complement(1. .22)
                                                                                    /mol_type="genomic_DNA"
/db_xref="taxon:9615"
/tissue_type="spleen"
/dev_stage="adult"
/tissue_lib="B. Ostrander,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Canis familiaris"
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/db_xref="taxon:9615"
/tissue_type="spleen"
/dev_stage="adult"
/tissue_lib="E. Ostrander, in pBluescript+"
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                                                                                                                                                                            organism="Canis familiaris"
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.ocation/Qualifiers
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Pred. No: 2.2e+03;
0; Mismatches 4;
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Pred. No. 2.2e+03;
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A42269/c
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A38125/c
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Matches 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pullulanase, micro-organisms producing th preparation thereof as well as its use Patent: EP 0605040-A 5 06-JUL-1994; SGLVAY (BE)
Other publication JP 6217770 940809 Other publication CN 1190325 940809 Other publication CN 1990325 940803 Other publication BU 527599 940707 Other publication BU 527599 940707 Other publication BE 1007723 951010 Other publication BE 1007723 950516 Other publication BE 1007313 950516 Other publication BE 1007848 940913.
                                            Other publication NZ 260989 950828
Other publication BR 9402834 950613
Other publication JP 7067637 950314
Other publication FI 943389 950116
Other publication CA 2128050 950116
Other publication NO 942652 950116
Other publication AU 6743294 950127
Other publication GB 2279955 950118.
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                                                                                                                                                                            Patent: EP 0634490-A 19 18-JAN-1995; SOLVAY (BE)
                                                                                                                                                                                                                          Xylanase derived from a bacillus species, expression vectors for such xylanase and other proteins, host organisms therefor and use
                                                                                                                                                                                                                                                            De,B.E., Lahaya,A., Ledoux,P., Amory,A., Vetter,R.
                                                                                                                                                                                                                                                                                                                            unidentified
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Deweer, P. and Amory, A.
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/mol_type="unassigned DNA"
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/organism="unidentified"
                                Location/Qualifiers
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81.0%; Pred. No. 2.20
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17; Conserv
                                                                                                                                                 A GENE RELATED TO MIGRAINE IN MAN PATENT: EP 0834561-A 102 08-APR-19 UNIV LEIDEN (NL)
                                                                                                                                                                                                          unidentified unclassified.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unidentified unclassified
                                                                                                                                                                                                                                                                     Sequence 102 from Patent A79265
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A70781
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Ophoff,R.A., Terwi
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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Pred. No. 2.2e+03;
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2e+03;
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RESULT 2320

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A82548
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A80998
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Best Local Similarity 81.0%;
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A80998
                      unidentified unidentified
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1 (bases 1 to 22)
Brostoff, S.W. and Gold, D
VACCINATION AND METHODS
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                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; 1 (Dases 1 to 22)
Kahn, A. and Chelly, J.
A gene called XLIS and the XLIS gene product, called and their applications
Patent: EP 0918091-A 50 26-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 9927957-A 41 10-JUN-1999;
SIDNEY KIMMEL CANCER CENTER (US); IMMUNE
Location/Qualifiers
           uncl
                                                                       Sequence 22 from Patent A82548
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50 from Patent EP0918091.
                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                            GI:6732293
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22)
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Pred. No. 2.
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A95377
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                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 22)
Francis, F. and Kahn, A.
A GENE CALLED XLIS AND THE XLIS GENE PRODUCT, CALLED DOUBLECORTIN AND THEIR PREPARATIONS
PATENE PREPARATIONS
PATENE: WO 9927089-A 50 03-UUN-1999;
INST NAT SANTE RECH MED (FR); FRANCIS FIONA (FR)
Location/Qualifiers
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A95377
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Sequence 10 from Patent EP0953650.
A93980
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TUMOUR SUPPRESSOR GENE DBCCR1 AT 9q32-33
Patent: WO 9854318-A 22 03-DEC-1998;
MARIE CURIE RESEARCH INST (GB); KNOWLES MARGARET (GB)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified unidentified
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50 from Patent WO9927089.
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/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
                            /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
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Pred. No. 2.2e+03;
Score 14.6;
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AR000471/c
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Sequence 5 1
AR000471
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Deweer, P. and Amory, A.
Expression system for novel pullulanase
Patent: US 5736375-A 5 07-APR-1998;
Location/Qualifiers
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Sequence 22 from patent
AR002232
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                                                                                                                                                                                                                                                         Yamane, A.
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                                                                                                                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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5736375.
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17; Conserv
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Hayden,M., Lin,B. and Nasir,J.
Mouse model for Huntington's Disease
Patent: US 5849995-A 30 15-DEC-1998;
                                                                                                                                                                                                                                                AR066406
Sequence 30 from patent US
AR066406
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Georgopoulos, K.
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Sequence 121 from pater
AR049818
AR049818.1 GI:5971810
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Deweer, P. and Amory, A.
Beweer, P. and Amory, A.
Pullulanase producing microrganisms
Patent: US 5817498-A 5 06-OCT-1998;
                                                                                                                                                                                                             Unknown.
                                                                                                                                                                                                                                     AR066406.1 GI:5996622
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ikaros polypeptides
Patent: US 5824770-A 121 20-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                    Unknown
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            TCTTACTCTGATTTTTTTGTA 5482
TTTTCCTCTTGTTTTTTTGTA 21
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/mol_type="unassion"
                                                                                         /mol_type="unassigned DNA"
                                                                                                     organism="unknown"
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/mol_type="unassigned DNA"
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                                         ; Score 14.6; D; Pred. No. 2.2e; Mismatches
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AR098236/c
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AR073294/c
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Sequence 8 1
AR073294
AR073294.1
1 (bases 1 to 22)
De Buyl,E., Lahaye,A., Ledoux,P.,
Vetter,R.
Xylanase derived from a bacillus s
                                                                                               AR127036 2
Sequence 19 from patent US
AR127036
AR127036.1 GI:14113629
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Deweer,P. and Amory,A.
Pullulanase, microorganisms which produce it, processes for the preparation of this pullulanese and the uses thereof Patent: US 6074854-A 5 13-JUN-2000;
Location/Qualifiers
                                                Unclassified.
                                                             Unknown
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Pred. No. 2.2e+03;
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                      Amory, A.,
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  expression vectors for
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RESULT 2333
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Bell,G.I., Yamagata,K., Oda,N., Kaisaki,P.J., Furuta,H.,
Horikawa,Y. and Menzel,S.
Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
Patent: US 6187533-A 64 13-FEB-2001;
Location/Qualifiers
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Sequence
AR129481
                                                                                                                           Palmer,L.Marie., Lonetto,M.A., Nicholas,R.O., Deresiewicz,R.L.,
Pratt,J.M., Hodgson,J.E., Beattie,D.T. and Lowe,A.M.
Staphylococus aureus 3-hydroxyacyl-CoA dehydrogenase
Patent: US 6146863-A 7 14-NOV-2000;
Location/Qualifiers
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Sequence 7 from patent US
AR141571
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/mol_type="unassigned DNA"
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Location/Qualifiers
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Sequence 12:
AR149712
AR149712.1
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AR146056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 22)
Romano, J.W., Shurtliff, R. and Williams, K.G.
Isothermal transcription based assay for the determentification of chemokines rantes, MIP-1.alpha.
Patent: US 6218154-A 5 17-APR-2001;
Location/Qualifiers
1 (bases 1 to 22)
Schumm,J.W. and Bacher,J.W.
Materials and methods for indentifying
                                  Unclassified
                                            Unknown
                                                                                                                                                                                                                                                                                                         Georgopoulos,K.
Ikaros: A T cell pathway regulatory gene Patent: US 6228611-A 121 08-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                       Unknown.
Unclassified.
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                                                           Unknown
                                                                                                                                                                                                                                                                                                                                                                               Unknown.
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                                                                                                     95 from patent US
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/mol_type="unassign
                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                              Location/Qualifiers
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Pred. No. 2.
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Pred. No. 2.2e+03;
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AR177689
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l (bases 1 to 22)

1 (bases 1 to 22)

TILE

NOVEL antisense inhibition of Rad51

PARGENE CORP

OS Artificial Sequence
PN JP 2002536420-A/7

PD 29-OCT-2002

PR 03-FER-^
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                                         PF 03-FEB-2000 JP 2000598182
PR 10-FEB-1999 US 60/119578,06-DEC-1999 US 09/454495 PI
HONG ZENG,GURUCHARAN REDDY,ANNE VALLERGA,DAVID A ZARLING PC
A61F35/00, A61K31/7088,A61K48/00,A61F1/00,A61F19/02,A61F29/00, PC
A61F35/00,
PC A61F37/06,G01N33/50
CC Description of
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Sequence
AR177689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 22)
Sakurada,K., Palmer,T. and Gage,F.H.
Regulation of tyrosine hydroxylase e
Patent: US 6312949-A 21 06-NOV-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tandem repeat DNA markers
Patent: US 6238863-A 95 29-MAY-2001;
                                                                                                                                                                                                                                                                             Novel antisense inhibition of Rad51.
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                                  ocation/Qualifiers
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/organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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E29810/c
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Query Match
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Matches 17; Conserv
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Matches 17; Conserv
   AUTHORS
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TAKASHI FUKUI, SHIGETOSHI KINOSI
PI TAKASHI FUKUI, SHIGETOSHI KINOSI
KEIZO SUGIMACHI
PC C12N15/09, C12Q1/68, C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FT Key Location/Qualli
FT Source (organism='Unio
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 22)
Nozaki,Y. and Naito,T.
                                                                                                                                                                 Novel G protein-coupled receptor protein, thereof Novel G protein-coupled receptor
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Patent: JP 199913676-A 57 16-NOV-1999;
OTSUKA PHARMACEUT CO LTD
OS Unidentified
PN JP 1999313676-A/57
PD 16-NOV-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 22)
Takashi, F., Shigetoshi, K., Makoto, H. and Keizo, S. Method for discriminating and detecting human cos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified unclassified.
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Method for discriminating
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JP 1999313676-A/57
                                                                                             JP 2000152792-A/9.
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                                                                                                                                                  utilization thereof.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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81.0%; Pred. No. 2.2e+03;
ative 0; Mismatches 4;
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c protein,
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PAT 01-DEC-1998

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189308/c
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Local Similarity 81.0%;
hes 17; Conservative
                                                                                                                                                                                                                                       3734 GAGCTTTTTAAAAGATCACAA 3754
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PC C12N15/09,C07K14/705,C07K16/28,C12N1/21,C12P21/02,C12Q1/68, PC G01N33/15,
PC G01N33/50,G01N33/53,G01N33/566//(C12N1/21,C12R1.....
CC FH Key Location/C....
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JAPAN TOBACCO INC
OS Artificial Sequence
PN JP 2000152792-A/9
PD 06-JUN-2000
PF 21-JUN-1999 JP 1999174224
PR
PI YUKO NOZAKI, TAKAYUKI NAITO
PC C12N15/09, C07K14/705, C07K16/28, C12N1/21, C12P21/02, C12Q1/6
                                                                                                                     Sequence 5 from patent 189320
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Location/Qualifiers
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Deweer, P. and Amory, A.
1 (bases 1 to 22)
Deweer, P. and Amory, A.
Process for the production of novel pullulanase
Patent: US 5721128-A 5 24-FEB-1998;
                                                   Unclassified.
                                                                   Unknown
                                                                              Unknown.
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                 organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GI:3409248
                                                                                                          GI:3409260
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Pred. No. 2.2e+03;
0; Mismatches 4
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Pred. No. 2.2e+03;
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AR211008
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193616
                                                                                                                                                                                              Unclassified.

1 (bases 1 to 22)

1 (bases 1 to 22)

Shultz,J.William., Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D., Rhodes,R.Byron., Andrews,C.Ann., Hartnett,J.Robert., Gu,T., Olson,R.J., Wood,K.V. and Welch,R.
Detection of nucleic acid hybrids
Patent: US 6391551-A 108 21-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 22)
DeWeer, P. and Amory, A.
Process for the saccharification of
Patent: US 5731174-A 5 24-MAR-1998;
Location/Qualifiers
                                        N
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                                                                                         larity 81.0%;
Conservative
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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81.0%; Pred. No. 2
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Pred. No. 2.2e+03
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PAT 20-JUN-2002

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Sequence 19 :
AR221323
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 de Buyl, E.
Vetter, R.
                                                                    Unknown
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AR284934
AR284934.1 GI:29721840
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Sequence 19 from patent US
AR220040
    De
                                                                                               Unknown.
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                                              Unclassified.
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(bases 1 to 22)
Canck, I., Mersch, G.
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Buyl, E., Lahaye, A.,
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic
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from patent US 6426211.
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Pred. No. 2.2e+03;
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  and Rossau, R.
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Unclassified.

1 (bases 1 to 22)

1 (bases 1)

Screening methods for altering circadian rhythms and for human casein kinase I delta. and/or epsilon. phosphorylation of human clock proteins, period 1, -2 and -3

Patent: US 6555388-A 7 29-ARR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
AR308528
                                                                                                                        1 (bases 1 to 22)
Zeng, H., Reddy, G., Vallerga, A. and
Antisense inhibition of RAD51
Patent: US 6576759-A 7 10-UN-2003,
Location/Qualifiers
                                                                                                                                                                                                                                           Sequence 7 from patent US
AR343103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method for typing of HLA alleles Patent: US 6528261-A 10 04-MAR-2003;
                                                                                                                                                                                              Unknown
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                                                        Similarity
                                                                                                                                                                                     Unclassified.
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nilarity 81.0%;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
                                                                                      /organism="unknown"
/mol_type="genomic |
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                                          Score 14.6; I Pred. No. 2.2e 0; Mismatches
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0; Mismatches
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Pred. No. 2.2e+03;
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AR345193
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AR345200
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AR345193
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AR352058
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Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.T.
Gene products related to werner's syndrome
Patent: US 6583112-A 88 24-JUN-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 22)
Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.T.
Gene products related to werner's syndrome
Patent: US 6583112-A 81 24-JUN-2003;
                                                                                             AR352058.1
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           Patent: US 6589734-A 46 08-JUL-2003;
                    1 (bases 1 to 22)
Kacian, D.L., Fultz, T.J. and McDonough, S.H.
Detection of HIV
                                                                Unknown
                                                                         Unknown.
                                                                                                                          AR352058
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Similarity 81.0%;
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                                                    Unclassified.
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/mol_type="genomic
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/mol_type="genomic DNA"
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Maldman,S.A. and Carrithers,S.L.

Methods of and kits and compositions
tumors and metastasis thereof

Patent: US 6602659-A 25 05-AUG-2003;

Location/Qualifiers
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AR372928
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AR372926
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Waldman, S.A. and Carrithers, S.L.
Methods of and kits and compositions
tumors and metastasis thereof
Patent: US 6602659-A 27 05-AUG-2003;
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/mol_type="genomic|
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AR372930
                               Aldman, S.A. and Carrithers, S.L. Waldman, S.A. and Carrithers, S.L. Methods of and kits and compositions tumors and metastasis thereof Patent: US 6602659-A 33 05-AUG-2003;
                                                                                                                                                                                                                                                                                                                                                                        Aldman,S.A. and Carrithers,S.L. Waldman,S.A. and Carrithers,S.L. Methods of and kits and compositions tumors and metastasis thereof Patent: US 6602659-A 31 05-AUG-2003;
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Waldman, S. A. and Carrithers, S.L.
Methods of and kits and compositions
tumors and metastasis thereof
Patent: US 6602659-A 29 05-AUG-2003;
                                                                                                                                                    Sequence 33 from patent AR372934
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/organism="unknown|
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/mol_type="genomic DNA"
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Waldman, S.A. and Carrithers, S.L.
Watchan, S.A. and compositions
tumors and metastasis thereof
Patent: US 6602659-A 37 05-AUG-2003;
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1 (Dases 1 to 22)
Waldman,S.A. and Carrithers,S.L.
Waldman,S.A. and Carrithers S.L.
Wethods of and kits and compositions
tumors and metastasis thereof
Patent: US 6602659-A 35 05-AUG-2003;
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/mol_type="genomic DNA"
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Georgopoulos,K.
Isolated antibody that binds to an Ik
Patent: US 6630141-A 121 07-OCT-2003;
Location/Qualifiers
Keesler,G., Mondadori,C., Yao,Z. and Camacho,F. Screening methods for altering circadian rhythm Patent: WO 007569-A 7 14-DEC-2000; Aventis Pharmaceuticals Inc. (US)
                                                                                                                    Rattus sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 81.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="mRNA"
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Methods
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Sequence 36 from Patent
AX060328
                                                                                                                                                                          synthetic construct
synthetic construct
artificial sequences.
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                                                                                                                                Patent:
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            Similarity
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                                                                                                                and compositions utilizing WO 0119397-A 4 22-MAR-2001; Corporation (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:10118"
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                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol type="taxon:32630"
/moEe="Antisense oligonucleotide"
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/db_xref="taxon:32630"
                                                                                                        Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                       /note="chemically synthesized"
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from Patent WO0119397.
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AX104716
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                                                                                                                                                                                                                                                                                                                      synthetic construct synthetic construct artificial sequences.
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Sequence 8 from Patent W00123553.
AX111617
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 908 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:33630"
/note="Description of the Artificial Sequence:
oligonucleotide"
             31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
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81.0%; Pred. No. 2.2e+03;
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Patent WO0157209
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AX251587
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Sequence 4 from Patent WO0157250.
AX210070
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AX251587
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Patent: WO 0157209-A 31 09-AUG-2001;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Kivirikko,K., Myllyharju,J., Kukkola,L. and Hieta,R. Alpha(iii) subunit of prolyl 4-hydroxylase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Haley, C.S. and Archibald, A.L. Method for determining a predisposition of pigs to boar taint Patent: WO 0157250-A 4 09-AUG-2001;
The Roslin Institute (GB)
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 81.0%;
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/note="pig chr 6 oligonucleotide
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Sequence 31 from Patent WO0158957.
AX326735
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                                                                                                                                                                                                                                                                             Sequence 616 from Patent AX352320
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                                                                                                                            Immunostimulatory rna/dna hybrid molecules Patent: WO 0193902-A 616 13-DEC-2001; Biosynexus Incorporated (US)
                                                                                                                                                                                                                   synthetic construct synthetic construct
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Lexigen Pharmaceuticals Corp. (US)
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                                                                                                                                                                        Mond, J.J., Flora, M. and Klinman, D.M.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                          /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Synthetic HDR"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03
Score 14.6; DB 1;
Pred. No. 2.2e+03;
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AX466904
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AX466904
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AX405372
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Patent: WO 0222830-A 66 21-MAR-2002;
UNIVERSITY COLLEGE CARDIFF CONSULTANTS
Location/Qualifiers
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Similarity 81.0%; Pred. No. 2.2e+03;
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/db_xref="taxon:32630"
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Pred. No. 2.2e+03
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                                    Sequence 48:
AX487552
AX487552.1
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17; Conserv
Candida albicans
Candida albicans
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Sequence 395 from Patent
AX466913
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Patent: WO 0244209-A 47 06-JUN-2002;
ZymoGenetics, Inc. (US)
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Oligonucleotide primer ZC38481"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                      GI:22321700
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; Pred. No. 2.2e;
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Pred. No. 2.26
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2.2e+03;
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Query Match
Best Local Similarity
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                                                                  Bratzler,R.L.
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 908 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Sequence 6 from Patent WO02058738.
AX492794
                                                                                                                                                                                                                                                                           Sequence 908 from Patent WO02053141. AX547769
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Location/Qualifiers
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synthetic construct
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Use of rad51 inhibitors for p53 gene
Patent: WO 02058738-A 6 01-AUG-2002;
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                                                                                                                                                                                artificial sequences.
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Antisense oligonucleotide"
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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                                                                                                                                                                Reverse transcription reactions Patent: WO 0244421-A 3 06-JUN-2002; PROMEGA CORPORATION (US)
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Location/Qualifiers
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                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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RESULT 2382
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Methods and nucleic acids for the analysis of hematopoietic cell
                                                                                                                                                                                                                                                                                                                                                                                              AX657333 22 bp
Sequence 46 from Patent WO02100896.
AX657333
                                                                                                                                                                                                           Method for diagnosing cancer susceptibility Patent: WO 02100896-A 46 19-DEC-2002; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)
                                                                                                                                                                                                                                                                        dalla Venezia, N.L., Magnard, C.M., Lenoir, G.M. Sinilnikova-Erard, O.
                                                                                                                                                                                                                                                                                                                                    synthetic construct synthetic construct
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Patent: WO 02077272-A 457 03-OCT-2002;
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/mol_type="unassigned DNA"
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/mb xref="taxon:35630"
/nb = "Detection primer for MYC"
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Kekuda, R.

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AX662957
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
                                                                              22 bp
Sequence 7 from Patent BP1281771.
AX687071
AX687071.1 GI:29409566
                                                                                                                                                                                                                                                                                                                                                                                                                       Phosphodiesterase 10a cell-based assay and Patent: EP 1281771-A 7 05-FEB-2003; Pfizer Products Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22 bp
Sequence 7 from Patent EP1281771.
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Reagents and methods for identifying and modulating
genes regulated by cdk inhibitors
Patent: WO 02066681-A 44 29-AUG-2002;
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Location/Qualifiers
                                                Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    James, L.C., Lebel, L.A., Menniti, F.S. and Strick, C.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:1000"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                        0.2%;
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Pred. No. 2.2e+03;
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                            Li,L., Ballinger,R.A., Padigaru,M., Kekuda,R., Colman,S.D., Spytek,K.A., Casman,S.J., Vernet,C.A., Shenoy,S.G., Gusev,V., Malyankar,U.M., Edinger,S., Gerlach,V., Smithson,G., Stone,D.J., Sciore,P., Macdougall,J.R., Gunther,E., Peyman,J.A., Ellerman,K., Gangolli,E.A. and Millet,I.

G-protein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 272 01-AUG-2002;
Curagen Corporation (US)
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Sequence 272 from Patent WO02059313.
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Sequence 169 from Patent
AX702409
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Location/Qualifiers
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                                                                                                                                                                             artificial sequences.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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81.0%; Pred. No. 2.2e+03;
tive 0; Mismatches 4;
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PAT 03-APR-2003

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RESULT 2390
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                                                                                                                                                                    Bell,C.A., Uhl,J.R. and Cockerill,F.R.
Detection of Bacillus anthracis
Patent: EP 1304387-A 7 23-APR-2003;
Roche Diagnostics GmbH (DE); Mayo Foundation for Medical Education and Research (US)
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Sequence 3 from Patent WO02059366.
AX704318
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon.32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                           /note="Oligonucleotide"
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Sequence 376 from Patent WO03052135.
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 Sequence
                                                                                                                                 l Similarity
17; Conserv
                                                                                                                                                                                                                                                           proliferative disorder Patent: WO 03052135-A 376 26-JUN-2003; Epigenomics AG (DE)
                                                                                                                                                                                                                                                                                                                 Burger, M., Fie and Nimmrich, I
                                                                                                                                                                                                                                                                                                                                                                   synthetic construct synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                  note="Detection primer for MYC"
                                                                                                                                                                                                                                                                                                                           Field, J.K., Genc, B., Liloglou, T., Lipscher, E.,
    from
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Pred. No. 2.2e+03;
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Matches 17; Conserv
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                                                              Human papillomavirus
Human papillomavirus
Viruses; dsDNA viruses,
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Sequence 217 from Patent
AX803185
AX803185.1 GI:38501850
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Sequence 133 from Patent
AX802623
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Production of butyrylcholinesterases in transgenic mammals
Patent: WO 03054182-A 5 03-JUL-2003;
Nexia Biotechnologies, Inc. (CA)
Location/Qualifiers
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AX798061.1
Detection of human papillomavirus e6 m
Patent: WO 03057927-A 217 17-JUL-2003;
                         Karlsen,F.
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                                                   Papillomavirus.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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WO03057914.
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            mrna
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RESULT 2397
AX811408
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AX803328
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Best Local Similarity 81.0%;
Matches 17; Conservative (
           Query Match
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Human papillomavirus
Viruses; dsDNA viruses,
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                                                                                                                            Gene matn3 or matrilin-3 linked to osteoarthritis treatment Patent: WO 03062469-A 97 31-JUL-2003; Decode Genetics EHF. (IS)
                                                                                                                                                                                                    synthetic construct synthetic construct
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Conservative
                                                                                                                                                                                                                                                                   97 from Patent
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360 from Patent WO03057927.
                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon.32630"
/noTe="primer that hybridizes to
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/mol_type="unassigned DNA"
/db_xref="taxon:10566"
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/mol_type="unassigned DNA"
/db_xref="taxon:10566"
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Pred. No. 2.2e+03;
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           Score 14.6; DB 1;
Pred. No. 2.2e+03;
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Pred. No. 2.2e+C
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Novel polypeptides and nucleic acids encoded thereby Patent: WO 02081517-A 464 17-OCT-2002;
Curagen Corporation (US)
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AX817716
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Sequence 436 from Patent WO02068652.
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AX921443.1 GI:40215064
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                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

CE 1 (bases 1 to 22)

RS Frantz, R.R.I.E., Ferrari, M.D., Teruvinto, H.M. and Opuhofu, R.A.
A gene related to migraine in man
AL Patent: JP 2001500743-A 64 23-JAN-2001;
RYUKUS UNIVERSITAT TO RAIDEN
OS Homo sapiens (human)
OS Homo sapiens (human)
PP 2-001500743-A/64
PD 23-JAN-2001
PF 26-SEP-1997 JP 1998515527
PF 27-SEP-1997 JP 1998515527
PF 27-SEP-1996 EP 96202707.4
PI RENE ROBERT ISAAK ERIK FRANTZ, MICHEL DOMINIQUE FERRARI, PI HISERA MARRY TERUVINTO, RURU ANDRE OPUHOPU
PC C12N15/09,A01K67/027,C07K14/435,C07K16/18,C12N1/19, PC C12N5/10,C12Q1/02,Ci2Q1/68,C12N15/00,C12N5/00 CC
FH Key
FT primer bind (11)...(22).
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PR
TOSHIHIRO KUROITA, SHUSUKE KOMATSUBARA, YOSHIHISA KAWAMURA
C12Q1/68,C12N15/09,C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
FH Key Lication/Qualifiers
FH Key 1. 22
FT source /organism='Unidentified'.
BD081028
Coding sequence haplotypes
BD081028
BD081028.1 GI:22626631
JP 2001514887-A/36.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JP 2001500743-A/64.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
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                                                                                                                                                                                   TTTTCCTGCCCCACTGCTTGG 4622
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                                                                                                                                                    TTTCCCTGCCCCATTCCTTTG
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Key
Location/Qualifiers
primer bind
(1)..(22).
Location/Qualifiers
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                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                  0.2%;
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                                                                                                                                                                                                                  Score 14.6; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 4;
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Pred. No. 2.2e+03
0; Mismatches
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f the human
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                                                BRCA2 gene
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SOURCE
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                                                                                                                                                                                                                                       JOURNAL
                                                                                                                                                                                                                                                          TITLE
                                                                                                                                                                                                                                                                                            AUTHORS
                                                                                                                                                                                                                                                                                                                                                  ORGANISM
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                                                                  HOSPITAL, VIRUS RESEARCH INSTITUTE
OS Stabhylococcus aureus
PN JP 2001523114-A/6
PD 20-NOV-2001
PF 02-CCT-1998 JP 199522014
PF 02-CCT-1997 US 60/060983
PI LESLIE PALMER, JULIE M PRATT, MIC
PI RICHARD O NICHOLAS, DAVID T BEAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OS Unidentified
PN JP 2001514887-A/36
PN JP 2001514887-A/36
PD 18-SEP-2001
PD 18-SEP-2001
PF 14-AUG-1998 JP 2000509828
PF 15-AUG-1997 US 60/055784, 07-NOV-1997 US 60/06492
PR 15-AUG-1997 US 60/065367,01-MAY-1998 US 09/071715 PR
12-NOV-1997 US 60/065367,01-MAY-1998 US 09/071715 PR
22-MAY-1998 US 09/084471
PATTHEW YOSHIKAWA,GEOFFREY M JACKSON,TARA ESKANDARI,BRENI
PATTHEW YOSHIKAWA,GEOFFREY M JACKSON,TARA ESKANDARI,BRENI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         L DERESIEWICZ, ADRIAN
PI LOWE
PC C07H21/04, C07K16,
C12Q1/32
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PI MIC
PC C12
PC C07
PC C07
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Palmer, L., Pratt, J.M., Lonetto, M.A., Hodgson, J.E., Nicholas, R.O.,
Beattie, D.T., Deresiewicz, R.L. and Lowe, A.
3-hidroxyacyl-COA dehydrogenase from Staphylococcus aureus
Patent: JP 2001523114-A 6 20-NOV-2001;
SMITHKLINE BEECHAM CORP, SMITHKLINE BEECHAM PLC, BRIGHAM & WOMEN'S
                                                                                                                                                                                                                                                                                                                                                                                  BD084669
BD084669.1 GI:22630279
JP 2001523114-A/6.
                                                                                                                                                                                                                                                                                                                                                                                                                        22 bp
3-hidroxyacyl-COA dehydrogenase
BD084669
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Murphy, P.D., White, M.B., Rabin, M.B., Olson, S.J., Yc
Jackson, G.M., Eskandari, T., Schryer, B. and Park, M.
Coding sequence haplotypes of the human BRCA2 gene
Patent: JP 2001514887-A 36 18-SEP-2001;
                                                                                                                                                                                                                                                                                                                                                unidentified
                                                                                                                                                                                                                                                                                                                                                                 unidentified
                                                                                                                                                                                                                                                                                                                               unclassified.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CTCTTAGATTTGTGTTTTGGT 2
                                                            20-NOV-2001
02-OCT-1998 JP 1999522014
03-OCT-1997 US 60/060983
LESLIE PALMER, JULIE M PRATT, MICHAEL A LONETTO, JOHN
RICHARD O NICHOLAS, DAVID T BEATTIE, ROBERT
                 C07H21/04, C07K16/00, C12N1/20, C12N9/04, C12N15/00, C12N15/63,
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C12N15/09,A61K38/00,A61K39/395,A61K48/00,A61P35/00,C07K14/47,
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.2e+03;
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AUTHORS
TITLE
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VERSION
KEYWORDS
SOURCE
ORGANISM
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BD130151/c
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BD132054/c
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Matches 17
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Best Local (
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BD132054
BD132054.1
                                                                                                                                                        1 Similarity
17; Conserv
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Rey
                                    Gene associated
                                                                                                                                                                                                                                                                  PART CCCCC PR PR PR PR PR
                                                                                                                                                                                                                                                                                                                                                                                                                                                           repeat DNA marker
Patent: JP 2002502606-A 95 29-JAN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 22)
Schumm, J.W. and Bacher, J.W.
Material and method for specifying and analyzing medium-size tandem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      unclassified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JP 2002502606-A/95.
unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BD130151 22 bp Material and method for specifying
                                              BD132054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD130151.1 GI:23225096
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                                                                                                           AGAAAGCAAGCAGGTGGCAGG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3-hidroxyacyl-COA dehydrogenase from
Location/Qualifiers
                                                                                                                                                      0.2%; Score 14.6; DB 1 ilarity 81.0%; Pred. No. 2.2e+03 Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                         U4-FEB-1998 US 09/018584
UAMES W SCHUMM, JEFFREY W BACHER
C12N15/09,C12Q1/68,C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     source
                                                                                                                                                                                                                                                                                                                                                                                                              Unidentified
JP 2002502606-A/95
29-JAN-2002
                                                                                                                                                                                                                                                                                                                          Topology: Linear;
Material and method for specifying
                                                                                                                                                                                                                                                                                                                                                                                      04-FEB-1999 JP 2000530608
04-FEB-1998 US 09/0185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                              source
                                                                                                                                                                                                                                                                                                    DNA marker
                                                                                                                                                                                                                                                                                                                                                 Strandedness: Single;
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                                                                                                                                                                                                   /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                 /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism='Staphylococcus aureus'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic_DNA
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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81.0%; Pred. No. 2.2e+03
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                                 22 bp
with neoplastic
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                                    malignancy
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COMMENT

PO 5-FEB-2002

PF 11-DEC-1997 US 08/989750

PR KEITH BLACK, UTLIA Y 1.77

C12N15/09,AGIX38/DOLCA

CC G01N27

CC G01N27

CC G01N27

CC G01N27

CC COMMENT PA 12-DEC-1998 UP 2005524431

PR 12-DEC-1997 US 08/989750

PI KEITH BLACK, UTLIA Y 1.77

C12N15/09,AGIX38/DOLCA

CC G01N27

CC G01N27
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AUTHORS
TITLE
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ORGANISM
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VERSION
                                               FEATURES
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BD132060/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DEFINITION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AUTHORS
TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JOURNAL
                           source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 22)

Slack, K., Ljubimova, J.Y. and Demetriou, A.A.

Gene associated with neoplastic disease or malignancy associated
Patent: JP 2002503450-A 11 05-FEB-2002;
CEDARS SINAI MEDICAL CENTER
OS Homo sapiens (human)
PN JP 2002503450-A/11
PD 10-FEB-2002
05-FEB-2002
05-FEB-2002
05-FEB-2002
07-FEB-2002
08/989750
PR 12-DEC-1998 JP 2000524431
PR 12-DEC-1998 UP 2000524431
PR 12-DEC-1998 UP 2000524431
PR 12-DEC-1998 JP 20005264431
P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD132060 22 bp DNA Gene associated with neoplastic disease or
                                                                   772
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 T T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JP 2002503450-A/11.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                          Bource
                                                                                                                                 associated gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            associated gene
                                        /organism='Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism='Homo
/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%;
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Pred. No. 2.2e
0; Mismatches
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                                                                                                            Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 22;
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                                                                 (human)'
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                                                                                                          REFERENCE
AUTHORS
TITLE
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BD143197/c
LOCUS
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AUTHORS
TITLE
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ORGANISM
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ACCESSION
VERSION
KEYWORDS
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
                                                                                                                                                                                                ORGANISM
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                                                                   JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         source
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                                                                                                                                                                                                                                                                                                        performance.
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OS Artificial Sequence
PN WO 0210772-A/9
PD 07-FEB-2002
PF 16-JUL-2001 WO 2001JP006132
PF 31-JUL-2000 WO 2001JP006132
PI MASAKO NISHIZAWA, MEGUMI AKIYOSHI, HIROKO MURAKAMI PC G01N3J/92, G01N3J/15, G01N3J/50
CC Designed oligonuclectide primer for PCR FH Key Location/Qualifiers
FT source 1..22
FT source /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                        4646 TGGAATTTCCTCTTTGAGGAG 4666
                                                                                                 synthetic construct synthetic construct artificial sequences.

1 (bases 1 to 22)
Matsuzawa, Y.
performance
Patent: JP 2002112798-A 9
SUMITOMO CHEMICAL CO LTD
OS Arrificial Sequence
PN JP 2002112798-A/9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (bases 1 to 22)

1 (bases 1 to 22)

Nishizawa, M., Akiyoshi, M. and Murak
Method of analyzing accumulated fat
Patent: WO 0210772-A 9 07-FEB-2002;
                                                                                                                                                                                  BD143197.1 GI:27848955
JP 2002112798-A/9.
                                                                                                                                                                                                                                               BD143197
Method for assaying vascular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WO 0210772-A/9.
                                                                                 Method for assaying vascular smooth-muscle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMITOMO CHEMICAL CO LTD, MASAKO NISHIZAWA, MEGUMI AKIYOSHI, HIROKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD141290.1 GI:23236235
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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81.0%;
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Pred. No. 2.2e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 14.6; DB 1;
Pred. No. 2.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                   16-APR-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22
                                                                                                                                                                                                                                                       bp DNA
smooth-muscle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               fat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 22;
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                                                                                    cell
                                                                                                                                                                                                                                                      cell growth inhibitory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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                                                                                                                                                                                                                                                                         linear
                                                                                   growth
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RESULT 2414
HSA241944/c
LOCUS
DEFINITION 1
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DEFINITION
ACCESSION
VERSION
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AUTHORS
TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KEYWORDS
SOURCE
ORGANISM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 2413
BD234336/c
                                                                                                                                                                                                                                                                        FEATURES
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                                                                                                                                                     Query Match
Best Local S
Matches 17
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Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JOURNAL
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                                                                                                                  4018 AGAAAAAAGAGAGAAAACAAAAT 4040
                                                                                                                                                                                                                                                                                 Patent: JP 2002532085-A 9 02-OCT-2002;
YURI ROMANTCHIKOV
OS ARTÍficial Sequence
PN JP 2002532085-A/9
PD 02-OCT-2002
PF 17-DEC-1998 US 09/213834
PI YURI ROMANTCHIKOV
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21
PC 00
CC Cloning Vector
FF Key Location/Qualifiers
FT Source 1,25
FT Source 1,079anism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21
                                                                                             23
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PF 20-SEE
PF YUJI M
PC C12Q1/
PC C12Q1/
PC C12P21/02,
PC A61K37
CC Design
FH Key
FT source
FT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     l Similarity
17; Conserv
                                                                                                                                                      l Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Improved method for inse
BD234336
BD234336.1 GI:33044106
JP 2002532085-A/9.
          Homo
                        HSA241944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Improved method for inserting nucleic acid into cyclic vector
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Romantchikov,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      artificial sequences.
1 (bases 1 to 25)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TGGAATTTCCTCTTTGAGGAG 4666
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                                                                                               AAAAAAAAAAAAAAAAAAAA 1
sapiens gp130 gene, partial,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A61P9/10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20-SEP-2000 JP 2000284973
YUJI MATSUZAWA
C12Q1/02,A61K38/00,A61K39/395,A61K39/395,A61K45/00,A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Designed oligonucleotide primer for PCR 
Location/Qualifiers
                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                           YURI ROMANTCHIKOV
C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N15/00, C12N5/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     method for inserting nucleic acid
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                                                                                                                                                                                                                                                                   /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="genomic DNA"
                                                                                                                                                                                                             /db_xref="taxon:32630"
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                                                                                                                                                                0.2%;
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Pred. No. 2.2e+03;
0; Mismatches 4
                                                                                                                                                     Score 14.6; I
Pred. No. 2.5e
1; Mismatches
                                                                                                                                                                                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ģ
   DNA linear PRI 24-FEB-20 intron 14 splice acceptor site.
                                                                                                                                                                   .5e+03;
                                                                                                                                                                                DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
                                                                                                                                                                               Length 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear PAT 17-JUL-2003 into cyclic vector.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                        PRI 24-FEB-2000
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                                                                                                                                                     0,
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4019 GAAAAAAGAGAGAAAACAAAA 4039
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AJ241944.1
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Sequence 2 from Patent EP0780479
A79651
                                                                                                                                                                                      SEQUENCES
Patent: EF
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Direct Submission

Submitted (27-APR-1999) Szalai C., Heim Pal
Budapest, Budapest POBOX 66, H-1958 Hungary
Related sequence M57230.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 29)

Szalai,C., Toth,S. and Falus,A.

Exon-intron organization of the human gp130 gene

243 (1-2), 161-166 (2000)
                                                                                                                                                                                                                 unclassified.
1 (bases 1 to 30)
Fritton, H.D. and Hinzpeter, M.D.
METHOD FOR QUANTITATIVE DETERMINATION
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gp130 gene; splice acceptor site.
Homo sapiens (human)
                                                                                                                                                                         Patent: EP 0780479-A 2 25-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
                                                                                                                                                                                                                                                                            unidentified
                                                                                                                                                                                                                                                                                         unidentified
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                                                        Similarity
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                                            Conservative
                                                                                               /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                        Location/Qualifiers
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/number=15
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/db_xref="taxon:9606"
/chromosome="5"
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/note="splice
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81.0%; Pred. No. 2.9e+03;
ive 0; Mismatches 4
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AX465325
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Sequence 69 from Patent WO0173123.
AX440139
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Nanoparticles having oligonucleotides attached thereto and uses
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AX196238
AX196238.1 GI:15386441
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                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Patent WO0218643.
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Best Local Similarity 69.0%;
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Sequence 69 from Patent WO0246472.
AX556138
AX556138.1 GI:25899520
                        unidentified unclassified.
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Sequence 11 from Patent WO9845476.
A84539
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                                                                                                                       A84539.1 GI:6733458
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  (bases 1 to
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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mol_type="unassigned DNA"

db_xref="(axon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note="random synthetic sequence"
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Pred. No. 2.9e+03;
0; Mismatches 9;
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PAT 27-NOV-2002

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Gaps

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PAT 21-JAN-2000

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RESULT 2422
A35651
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AUTHORS
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TITLE
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                                                        synthetic construct artificial sequences.

1 (bases 1 to 16)
Camble,R. and Edge,M.D.
Analogous interferon polypeptides, process for their preparation and pharmaceutical compositions containing them Patent: EP 0194006-A 96 10-SEP-1986;
IMPERIAL CHEMICAL INDUSTRIES PLC
                                                                                                                                                                                                                             Synthetic human IFN-alpha 2 gene oligo. A35651
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnollophyta; eudicotyledons; core eudicots; asterids; lamidas; Solanales; Solanaceae; Solanum; Lycopersicon.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: WO 9845476-A 11 15-OCT-1998;
INST OF FOOD RESEARCH (GB); SCHWEIZER MICHAEL (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BIOLOGICAL ASSAY FOR TESTING THE CARCINOGENIC PROPERTIES OF SUBSTANCE
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                                                                                                                                                                                  synthetic construct
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KEYGENE N.V
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Lycopersicon esculentum
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/mol_type="unassigned DNA"
/db_xref="taxon:4081"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
organism="synthetic construct"
/mol_type="unassigned DNA"
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Pred. No. 3e+03;
0; Mismatches 4;
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Pred. No. 1.5e+03;
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Matches 15; Conserv
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                                                                                                                                                                                                           Unclassified.

1 (bases 1 to 16)

1 (bases 1 to 16)

1 ckstein,F., Ludwig,J. and Beigelman,L.

Rocleic acid catalysts with endonuclease activity

Patent: US 6656731-A 70 02-DEC-2003;
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AR435811
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Camble, R. and Edge, M.D.
Canble, R. and Edge, M.D.
Analogous interferon polypeptides, process for their preparation and pharmaceutical compositions containing them patent: EP 0194006-A 129 10-SEP-1986;
IMPERIAL CHEMICAL INDUSTRIES PLC
Location/Qualifiers
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                                                                TTTTTTCCTGCTCCA
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Conservative 0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                              organism="unknown"
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93.8%; Pred. No. 1.5e+03;
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Pred. No. 1.5e+03
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Matches 15
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unidentified unidentified unclassified.
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                                                       A88284
Sequence 432 from Patent
A88284
A88284.1 GI:6736854
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Sequence 33 from Patent WO02101031.
AX648151
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AXI33194
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                                                                                                                                                                                                                                                                                                                                                                                  Patent: WO 02101031-A 33 19-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                               thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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Query Match
Best Local Similarity
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Sequence 432 from Patent EP0856579.
A90251
A90251.1 GI:6738765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 17)
BYYSCH, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: MO 9833904-A 434 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 434 from Patent WO9833904.
A88286
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Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 432 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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Brysch,W.D. and Schlingensiepen,K.D.
An antisense oligonuclectide preparation
Patent: EP 0856579-A 432 05-AUG-1998;
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                                        /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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93.8%; Pred. No. 1.7e+03;
vative 0; Mismatches 1
0.2%;
Score 14.4; DB 1;
Pred. No. 1.7e+03;
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AR045943/c
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Unclassified.

(bases 1 to 17)

(bases 1 to 17)

Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

C-myb ribozymes having 2'-5'-linked adenylate residues

Patent: US 5817796-A 736 06-OCT-1998;

Location/Qualifiers
                       AR046179
Sequence 972
AR046179
AR046179.1
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AR045943
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation
Patent: EP 0856579-A 434 05-AUG-1998;
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A90253
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ilarity 93.8%;
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                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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                                                from patent
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Pred. No. 1.7e+03;
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1 (bases 1 to 17)

1 (bases 1 to 17)

Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.

C-myb ribozymes having 2'-5'-linked adenylate residues

Patent: US 5817796-A 1965 06-OCT-1998;

Location/Qualifiers
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1 (bases 1 to 17)

1 (bases 1 to 17)

Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

C-myb ribozymes having 2'.5'-linked adenylate residues

Patent: US 5817796-A 972 06-OCT-1998;

Location/Qualifiers
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Sequence
AR047260
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AR047172
AR047172.1
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and J
C-myb ribozymes having 2'-5'-linked adenylate
Patent: US 5817796-A 2053 06-OCT-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"
                                                                                 /organism="unknown"
/mol_type="unassigned DNA"
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                                               0.2%; Score 14.4;
93.8%; Pred. No. 1.
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                                               .7e+03;
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                                                         Length 17;
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                                                                                                                                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

1 (bases 1 to 17)

2 tinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.

C-myb ribozymes having 2'-5'-linked adenylate residues

Patent: US 5817796-A 2145 06-OCT-1998;

Location/Qualifiers
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Sequence
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 2143 06-OCT-1998;
Location/Qualifiers
                                                                                                                        Methods and products related BD241728
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleos Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 17)
Landers, J.E., Jordan, B., Housman, D.E. and Charest, A. Methods and products related to genotyping and DNA analysis
                                                                      Homo sapiens (human)
                                                                                                BD241728.1 GI:33051498 JP 2002525127-A/675.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
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/mol_type="unassigned DNA"
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Pred. No. 1.7e+03;
D; Mismatches 1;
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Pred. No. 1.7e+03;
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PC C12N1
CC Metho
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C12P21/02,
C12P21/02,C12P21/02/A61K31/711,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91),
CC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/0
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules
Key Location/Qualifiers
FT source 1.17
FT fource 1.17
Creganism='Eukaryote'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic a
Patent: JP 2002541795-A 5425 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/675
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
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Regulation of repressor genes using nucleic acid molecules
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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N JP 2002525127-A/675

D 13-AUG-2002

F 24-SEP-1999 JP 2000572407

R 25-SEP-1999 US 60/101757

I JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC 121215/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
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JP 2002541795-A/5425
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/mol_type="genomic DNA"
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Location/Qualifiers
                                                                     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                           /organism=',
Location/Qualifiers
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PN 7002541795-A/5426
PD 10-DEC-2002
PP 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/99, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N15/10, PC
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid
Patent: JP 2002541795-A 5426 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                               Regulation of repressor
BD258439
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PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
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                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="genomic DNA"
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Location/Qualifiers
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Pred. No. 1.7e+03;
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I53231
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152995
                                        Unclassified.
1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen C-myb targeted ribozymes
Patent: US 5646042-A 972 08-JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02, PC PC PC
                                                                                                             Unknown
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Stinchcomb,D.T., Draper,K., McSwiggen,J.
C-myb targeted ribozymes
Patent: US 5646042-A 736 08-JUL-1997;
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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/organism="unknown"
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93.8%; Pred. No. 1
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                                                                Draper, K., McSwiggen, J.
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Pred. No. 1.7e+03;
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I54312
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Stinchcomb,D.T., Draper,K., McSwiggen,J.
C-myb targeted ribozymes
Patent: US 5646042-A 2053 08-JUL-1997;
Location/Qualifiers
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C-myb targeted ribozymes
Patent: US 5646042-A 1965 08-JUL-1997;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Query Match 0.2%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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Sequence
AR187252
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Stinchcomb, D.T., Draper, K., McSwiggen, C-myb targeted ribozymes
Patent: US 5646042-A 2145 08-JUL-1997;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,C-myb targeted ribozymes
Patent: US 5646042-A 2143 08-JUL-1997;
Location/Qualifiers
                                                                                             Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J. Method and reagent for the treatment of diseases or crelated to levels of vascular endothelial growth fact Patent: US 6346398-A 2740 12-FEB-2002;
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                                                                                   Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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93.8%;
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Pred. No. 1.7e+03;
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J. Method and reagent for the treatment of diseases or corelated to levels of vascular endothelial growth fact Patent: US 6346398-A 2885 12-FEB-2002;
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AR187397
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398_A 2741 12-FEB-2002;
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Bril, A. Michel, Alain., Calmels, T. Paul. Gerard.,
Faivre, J.-F. Simon. Pierre., Javre, J.-L. and Rouanet, S.
Kv potassium channel polypeptides and polynucleotides
Fatent: US 6368823-A 7 09-APR-2002;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1264 20-MAY-2003;
 Similarity
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                                                                                                        Method and reagent for the treatment of diseases related to levels of vascular endothelial growth Patent: US 6566127-A 1265 20-MAY-2003;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T.
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/mol_type="unassign
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127, A 1409 20-MAY-2003;
                                                                                                          N
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Targeted Chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 2654 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Sequence 2654 from Patent
AX265263
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                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; )
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
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AX265268/c
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AX265267
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Best Local Similarity 93.8%;
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                                                                           Homo sapiens
Eukaryota; Matazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 2659 from Patent
AX265268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kmiec, E.B., Gamper, H.B. and Rice, M.C.
Targeted chromosomal genomic alterations
stranded oligonucleotides
Patent: WO 0173002-A 2658 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Kmiec, E.B., Gamper, H.B. and Rice, M.C. Targeted Chromosomal genomic alterations stranded oligonucleotides Patent: WO 0173002-A 2659 04-OCT-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Sequence 2662 from Patent WO0173002.
AX265271
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Targeted Chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 2663 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Targeted Chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002-A 2662 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Mammalia; Eutheria; Primates;
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Score 14.4; DB 1;
Pred. No. 1.7e+03;
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RESULT 2461
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AX272792
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AX272792
                                                                                                                                                             Method and reagent for the inhibition of grid patent: WO 0162911-A 383 30-AUG-2001; RIBOZYME HARMACEUTICALS, INC. (US) ; GLAXO GI Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                 Sequence 383 from Patent WO0162911. AX272814
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patent: WO 0162911-A 361 30-AUG-2001; GLAXO G
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO G
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 1.7e+03;
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Sequence
AX272955
Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, E
Mammalia, Eutheria, Primates, Catarrhini, Hominidae,
                                                                          AX273047
Sequence 616 from Patent
AX273047
AX273047.1 GI:16545784
                                                                                                                                                                                                                                                                                                                                                                                          Method and reagent for the inhibition of grid Patent: WO 0162911-A 524 30-AUG-2001; RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GI
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Sequence 385 from Paten
AX272816
AX272816.1 GI:16545553
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Homo sapiens
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/mol_type="unassigned RN/
/db_xref="taxon:9606"
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Mesembryanthemum crystallinum
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; eudicotyledons; core eudicots;
Caryophyllales; Aizoaceae; Mesembryanthemum.
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Eukaryota; Magnoliophyta; eudicotyledons; core eudicots
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots
Caryophyllales; Aizoaceae; Mesembryanthemum.
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Targeted Chromosomal genomic alterations
single stranded oligonucleotides
Patent: WO 0192512-A 1367 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
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               Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J. Targeted chromosomal genomic alterations in geningle stranded oligonucleotides Patent: WO 0192512-A 1368 06-DEC-2001; UNIVERSITY OF DELAWARE (US)
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Sequence 1367 from Patent
AX325229
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/mol_type="unassigned DNA"
/db_xref="taxon:3544"
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/mol_type="unassigned RNJ
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Sequence 1586 from Patent EP1243660.
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AX546073.1 GI:25811284
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AX422917
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 1586 25-SEP-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:3544"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Patent: WO 0211674-A 385 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S. Thompson, James (US)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1587 from Patent EP1243660.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase
Patent: EP 1243660-A 1587 25-SEP-2002;
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 1.7e+03;
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Human sodium-hydrogen exchanger like protein Patent: EP 1273660-A 1054 08-JAN-2003;
                                                                                Homo sapiens (human)
Homo sapiens
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX649215
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AX671736
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Sequence 181 from Patent WO03004526.
AX671736
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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                                                                                                 Patent: WO 03004526-A 181 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                      /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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93.8%; Pred. No. 1.7e+03;
vative 0; Mismatches 1;
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Score 14.4; DB 1;
Pred. No. 1.7e+03;
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EP1273660.
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mdz3,

mdz7

Buteleostomi;
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AX672747
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX672747
AX672747.1 GI:29331095
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Sequence 5254 from Patent
AX692522
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                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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               Homo sapiens (human)
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Sequence 330 from Patent
AX728696
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Sequence 5865 from Patent
AX693133
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Sequence 5862 from Patent
AX693130
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                 Patent: EP 1281758-A 5865 05-FEB-2003; Aeomica, Inc. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 1823 from Patent
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour suppre
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Sequence 575 from Patent
AX728941
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                            Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumc reversion, apoptosis and/or virus resistance and their use medicines
Patent:
                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.7e+03;
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Telerman, A., Amson, R. and Tuljnder, M.
Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3846 from Patent
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Location/Qualifiers
                                               Patent: WO 03025175-A 4915 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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AX736003
                                                                                                                                                                            Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 03025177-A 2127 27-MAR-2003;
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Sequence 173 from Patent
AX753826
AX753826.1 GI:32166523
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Patent: WO 03025177-A 2298 27-MAR-2003;
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Sequence 2298 from Patent
AX736708
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Patent: WO 03037931-A 166 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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         Shannon,M. and Phan,T.
Human angiomotin-like protein 1
Patent: WO 03037931-A 211 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Sequence 211 from Patent
AX753864
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Human angiomotin-like protein 1

Patent: WO 03037931-A 210 08-MAY-2003;

Amersham Biosciences SV Corp. (US)

Location/Qualifiers
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Human angiomotin-like protein 1
Patent: WO 03037931-A 173 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                    Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Sequence 779
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AX754432.1
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 776 from Patent WO03037931.
AX754429
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Patent: WO 03037931-A 779 08-MAY-2003;
Amersham Blosciences SV Corp. (US)
Location/Qualifiers
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Patent: WO 03037931-A 776 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates;
                  GAGAAAAAAGAGAGAA 4032
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Pred. No. 1.7e+03;
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Sequence 497 from Patent
AX782166
AX782166.1 GI:32950015
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AX759933
AX759933.1 GI:32254549
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Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Pred. No. 1.7e+03;
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Human prostate cancer candidate protein Patent: WO 03050284-A 504 19-JUN-2003; Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Sequence 503 from Paten:
AX782172:
AX782172.1 GI:32950021
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1658 from Patent
AX783327
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                                                                                                                                                           Human prostate cancer candidate protein Patent: WO 03050284-A 1658 19-JUN-2003; Amersham Biosciences (SV) Corp. (US)
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Patent: WO 03050284-A 1657 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates;
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                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 93.8%;
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Pred. No. 1.7e+C
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Pred. No. 1.7e+03;
0; Mismatches 1;
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Pred. No. 1.7e+03;
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Catarrhini; Hominidae
                                                            1.7e+03;
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RESULT 2503
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AX784070/c
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ORGANISM
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AX784071/c
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An antisense oligonucleotide
BD065797.1 GI:22611400
JP 2001511000-A/432.
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AX784071
AX784071.1 GI:32951920
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Homo sapiens
Eukaryota, Metazoa; Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
unidentified
                                                                                                                                                                                                                                                                                               Human prostate cancer candidate protein Patent: WO 03050284-A 2402 19-JUN-2003; Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Sequence 2401 from Patent
AX784070
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.7e+(
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RESULT 2504
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Matches 15; Conserv
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An antisense oligonucleotide preparation method
L Patent: JP 2001511000-A 434 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PD 07-AUG-2001
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PF 31-JAN-1998 JP 1998532533
PF 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
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S Schlingenslepen, K.H. and Brysch, W.
S An antisense oligonucleotide preparation method
L Patent: JP 2001511000-A 432 07-AIG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/432
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101331.8
PR 31-JAN-1997 EP 97101331.8
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PC C12N15/11, C07H21/04, A61K31/70
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An antisense oligonucleotide
BD065799.1 GI:22611402
JP 2001511000-A/434.
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Location/Qualifiers
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
                                                 JAMES A MCSWIGGEN
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4222 TTCCTCTGTGCAGATA 4237
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PI SHOGG
PC C12Q1
CC Desci
FH Key
FT sourc
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Patent: WO 0192572-A 622 06-DEC-2001;
NISSHINBO IDDUSTRIES INC. SYSTEM RESEARCH INC, HIDETOSHI INOKO, TJ
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
1 (bases 1 to 17)
1 (noko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nishida, M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kit and method for determining HLA type.
                                                                                              Similarity
recererecadara 2
                                                                                                                                                                                                                                                                                                          SHOGO MORIYA, MICHIO NISHIDA
C12Q1/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: capture
                                                                                                                                                                                                                                                                                                                                                                                       01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO 0192572-A/622
06-DEC-2001
                                                                            Conservative
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                                                                                                                                                   /organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                            0.2%;
                                                                            0;
                                                                          Score 14.4; DB 1; Pred. No. 1.7e+03; 0; Mismatches 1
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                                                                                                                  DB 1;
                                                                                                              Length 17;
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17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response. Homo sapiens JP 2002509721-A/2093. BD199067.1 GI:33008837 Homo sapiens (human)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent; JP 2002509721-A 2093 02-APR-2002; RIBOZYME PHARMACEUTICALS INC Homo sapiens (human) JP 2002509721-A/2093 02-APR-2002 24-MAR-1999 JP 2000541291 27-WAR-1998 US 60/079678 27-WAR-1998 US 60/079678 PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

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RESULT 2507
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                     Retro, P.A., Roberts, B., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
NL Patent: JP 2002509721-A 4607 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PD 002509721-A/4607
PD 07-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079578
PI 27-MAR-1998 US 60/079578
PI JAMES A MCSWIGGEN
PI JAMES A MCSWIGGEN
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PC A61P35
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C12N5/00
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
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C12N5/00
                   TTCTGTTTACAAAAAT
                                                                                                                                                                                                                            Method and reagent for treating diseases or conditions concerning molecule
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Key Location/Qualifiers
source 1. .17
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                 /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                       /organism='Homo sapiens
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.7e+03;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5730 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5730
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PN JP 2002509721-A/4608

PD 02-ABR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, A61P29/00, A61P35/00, A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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1 (Dases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 4608 02-APR-2002;
                                                                                                                                                                                                                                                                                    Homo sapiens
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/mol_type="genomic RNA"
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Pred. No. 1.7e+03;
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A87864
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A89831
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Matches 15
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                                                                                                        A89831 18 bp
Sequence 12 from Patent EP0856579.
A89831
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BYSCH, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 12 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PD 02-APR-2002

PF 24-MAR-1999 UP 2000541291

PR 27-MAR-1999 US 60/079678

PR 1 PAWELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC A61P29/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC C12NS/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
unclassified.
1 (bases 1 to 18)
Brysch, W.D. and Schlingensiepen, K.D.
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C12N5/00
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                                                                                                                                                                                                                                                 /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.7e+03;
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Pred. No. 1.8e+03;
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AR009090
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Paoletti, E., Tartaglia, J. and Taylor, J.
Poxvirus-canine distemper virus (CDV) r
and methods employing the recombinants
Patent: US 5756102-A 81 26-MAY-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              An antisense oligonucleotide preparation method Patent: EP 0856579-A 12 05-AUG-1998; BIOGNOSTIK GES (DE)
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ilarity 93.8%;
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/mol_type="unassigned DN/
/db_xref="taxon:32644"
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                                                                                    /mol_type="unassigned DNA"
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Pred. No. 1.8e+03;
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AR067077
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Sequence 13
AR048893
AR048893.1
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Requence 979 from patent US 5807743.
                                                                                                        Sequence
AR067077
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Stinchcomb,D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 979 15-SEP-1998;
1 (bases 1 to 18)
Evans, G.A. and Smith, M.W.
Method for generation of sequence sampled maps
Patent: US 5851760-A 425 22-DEC-1998;
                                                                                                                                                                                                                                                                                                                        Patent: US 5824316-A 13 20-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 18)
Grubman, M.J., Mason, P.W., Piccone, M.Elisa. and Ri
Leader-pyroteinase deleted foot-and-mouth disease
use as vaccines
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/mol_type="unassigned DNA"
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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isease viruses
             of.
            complex genomes
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AR069211
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Matches 15; Conserv
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                       1132 GCACAGTATTTCAAGC 1147
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Sequence
AR072946
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AR069211
                                                                                                                           Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

Rasmussen,G., Mikkelsen,J.Moslashedller., Schulein,M.,

Rasmussen,Ra., Hjort,C.Mailand. and Hastrup,S.

Patkar,S.Anant., Hagen,F., Hjort,C.Mailand. and Hastrup,S.

Cellulase preparation comprising an endoglucanase enzyme

Patent: US 5948672-A 28 07-SEP-1999;

Location/Qualifiers
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                                                                                                                                                                                                                         Unknown.
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                                                                                                                                                                                                                                     Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.
1 (bases 1 to 18)
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GCACAATATTTCAAGC 18
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                                               Conservative
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                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
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/mol_type="unassigned DNA"
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                                              ; Score 14.4; DI
; Pred. No. 1.8e.
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Pred. No. 1.8e+(
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3 5891623.
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5948672.
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                                                      1.8e+03;
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RESULT 2519 AR106874

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AR175178/c
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Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
Cowsert,L.M., Bennett,C.Frank. and O'Malley,B.
Antisense modulation of SRA expression
Patent: US 6107092-A 35 22-AUG-2000;
Location/Qualifiers
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Sequence 81
AR175178
AR175178.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
AR106874
          1 (bases 1 to 18)
Jun,S., Eriko,T., Chika,H., Akihiro,I., Masahiro,T.
Immortalized human papilla pili cell and method for
growth stimulants with the use of the same
Patent: JP 199089565-A 26 06-APR-1999;
                                                                                                                                                                                                                                                              l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              w
                                                                                                                                    Immortalized human papilla growth stimulants with the
                                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (Dases 1 to 18)

Paoletti,E., Tartaglia,J., Taylor,J. and Gettig,R.

Paovirus--canine dispemper virus (CDV) or measles virus

Precombinants and compositions and methods employing the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unknown
  SHISEIDO
                                                                                           unidentified
                                                                                                     JP 1999089565-A/26.
                                                                                                               E23737
E23737.1 GI:13024485
                                                                                                                                                                                                                                                                                                                                                                  recombinants
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                                                                   unclassified
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nilarity 93.8%;
Conservative (
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                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 1.8e
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Pred. No. 1.8e+03;
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                                 and Hiroshi,
evaluating l
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164429
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             AUTHORS
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PC C12N5
C12R1:91)
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172039
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164429
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1 (bases 1 to 18)
Rudert,W.A. and Trucco,M.
Polymers of oligonucleotide
reverse dot blots
                                                                                                                                                                                 w
                                                                                                                                                                                                                             15;
                                                                                                                                                                                                                                                                                                        Diagnosis and treatment of AIDS onset Patent: US 5665355-A 51 09-SEP-1997; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       김목무유
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Strandedness:
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MASAHIRO TAJIMA,
                                                         Unknown
                                                                   Unknown.
                                                                                        172039.1
                                                                                                                                                                                                                                                                                                                                                                              Unknown
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                                            Unclassified
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                                                                                                                                                                                                                                                                                                                                                                 Unclassified.
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Similarity 93.8%;
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JP 199089565-A/26
06-APR-1999
19-SEP-1997 JP 1997271927
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Key Linear;
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                                                                                                               75 from patent
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                                                                                                                                                                                                                                                                                                                                                                                                               GI:2481323
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                       /mol_type="unassigned
                                                                                         GI:3008178
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03,
0; Mismatches :
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           bound ligands
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AR266231/c
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AR220079
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RESULT 2526
AR292498/c
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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Sequence 43
AR266231
AR266231.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 18)
Hagen, F., Hjort, C.M. and Hastrup; S.
Cellulase preparation comprising an
Patent: US 6423524-A 28 23-JUL-2002;
Location/Qualifiers
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AR220079
                                                                                                                                                     1 (bases 1 to 18)
Cowsert,L.M.
Antisense inhibition of cyclin D2 expatent: US 6492173-A 43 10-DEC-2002
Location/Qualifiers
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                                                                                                                                                                                                                  Unknown.
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                                                                                                                                                                                                          Unclassified.
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                                         CAAGCCTCAGGAGCTG 3
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llarity 93.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
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/mol_type="unassigned DNA"
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03;
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AR293557
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AR297864
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Best Local Similarity 93.8%;
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1 (bases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 9599 25-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 18)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 5292 25-MAR-2003;
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 4233 25-MAR-2003;
Location/Qualifiers
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 11161 25-MAR-2003;
Location/Qualifiers
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15; Conserv
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                                                                                                                                                                                                                                                                                      Sequence 64 from Patent AX391683
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ilarity 93.8%;
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                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                         /note="Sample oligonucleotide"
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RESULT 2531

Rolfs, A. and Tiemer, B

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AX453840
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Terminal labeled probe array and method of making it
Patent: EP 1213361-A 64 12-JUN-2002;
CANON KABUSHIKI KAISHA (JP)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Yamamoto,N., Okamoto,T., Tanaka,S. and Screening method for gene variation Patent: EP 118467-A 64 06-MAR-2002; CANON KABUSHIKI KAISHA (JP)
Location/Qualifiers
                                    synthetic construct synthetic construct
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Similarity 93.8%;
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/db_xref="taxon:32630"
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Pred. No. 1.8e+03;
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EP1213361.
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EP1184467.
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Patent:
BioChip
                                                                     Nucleic acid sequences and a method for genus-, groats sub-species-specific detection of mycobacteria Patent: WO 02090582-A 58 14-WOV-2002; BioChip Technologies GmbH (DE)
                                                                                                                                                                                                                     Sequence 58 from Patent
AX597621
AX597621.1 GI:28397817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nucleic acids and methods for characterizing mycobacteria genus-, group-, species-, and subspecies specific level Patent: EP 1254963-A 59 06-NOV-2002; BioChip Technologies GmbH (DE)
Location/Qualifiers
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Sequence 59 from Patent EP1254963
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                                                         Location/Qualifiers
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AX597622
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                                                                                                                                                                                                                                                                                                                           AX838309
Sequence 5433 from Patent
AX838309
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Sequence 59 from Patent WO02090582.
AX597622
                                                                                                                                                Full-length cDNA sequences
Patent: EP 1347046-A 5433 24-SEP-2003;
Research Association for Biotechnology
                                                                                                                                                                                                   Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Iriqamethika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,
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synthetic construct
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synthesized primer se q"
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Pred. No. 1.8e+03
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RS Okamoto, H., Yanamoto, N. and Suzuki, T.

RS Okamoto, H., Yanamoto, N. and Suzuki, T.

Probe-coupling substrate, process for producing the same, probe-array, method for detecting target substance, method for specifying base sequence of single-stranded nucleic acid in sample, and method for quantitating the target substance in the sample Patent: JP 2000270896-A 65 03-OCT-2000;

CANON INC ANTEN PHARMACEUT CO LTD

SARTIFICIAL Sequence
PN JP 200270896-A/65
PD 03-OCT-2000
PF 28-JAN-1999 JP 1999019915
PR 28-JAN-1999 JP 1999019915
PR HISASHI OKAMOTO,NOBUKO YAMAMOTO,TOMOHIRO SUZUKI PC CI201/68,C12M1/00,C12N15/09,G01N33/556,C12N15/00 CC FH Key Location/Qualifiers
FT SOURCE //Cganism='Artificial Sequence'.
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BD002272.1 GI:18630233
JP 2000217583-A/25.
synthetic construct
M synthetic construct
artificial sequences.
I (bases 1 to 18)
Gurete,R., Moller,M.J., Martin,S. and Ananto,P.S.
Cellulase preparation comprising endoglucanase
L Patent: JP 2000217583-A 25 08-AUG-2000;
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NORDISK A/S
Artificial Sequence
JP 2000217583-A/25
08-AUG-2000
22-DEC-1999 JP 199365341
09-MAY-1990 DK 1159/90,22-APR-1991 DK 07
09-MAY-1990 DK 1159/90,22-APR-1991 DK 07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Artificial
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Pred. No. 1.8e+03;
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BD010876
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15; Conserv
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PR 09-MAY-1990 DK 1159/90,22-APR-1991 DK 0736,
GURETE RASMUSSEN JAN MOLLER MIKKJELSEN, MARTIN SCHILEIN, PJ
SHAMKANT ANANT PATKAR, FRED HAGEN, HJORT KARSTEN MILAND, PJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Cellulase preparation containing endoglucanase Patent: JP 2001057894-A 25 06-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      artificial sequences.

1 (bases 1 to 18)
Rasmussen.G., Mikfjelsen,J.M., Schilein,M., Patkar,S.A., Miland,H.K. and Hallstopu,S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cellulase preparation containing endoglucanase BD010876
                                                                                                                                                                                                                                                                                                 (C12N9/24, C12R1:685), C12N15/00, (C12N15/00, C12R1:77), (C12N15/00, PC
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                                                                              Similarity
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GCACAATATTTCAAGC 18
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                                                             0.2%; Score 14.4; DB 1; ilarity 93.8%; Pred. No. 1.8e+03; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Artificial Sequence
JP 2001057894-A/25
06-MAR-2001
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                                                                                                                                                                                                               source 1. .18
/organism='Artificial Sequence'
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Location/Qualifiers
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Pred. No. 1.8e+03;
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                                                             FEATURES
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BD133686
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TITLE An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 12 07-AUG-2001;
BICGNOSTIK GESELLSCHAFT FUR BICMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/12
PD 07-AUG-2001
PD 07-AUG-2001
PD 07-AUG-2001
PD 31-GAN-1998 JP 1998532533
PR 31-GAN-1998 JP 1998532533
PR 31-GAN-1998 JP 1998532533
PR KARL HERMANN SCHT
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                                                                                                                                                            Yamamoto,N., Okamoto,T., Suzuki,T. and Tanaka,S.

Method for screening mutated gene
Patent: JP 2002071687-A 64 12-MAR-2002;
CANON INC
OS Artificial Sequence
PN JP 2002071687-A/64
PD 12-MAR-2000
PD 11-MAR-2000 JP 2000263396
PF 31-AUG-2000 JP 2000263396
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUK
PC GOLN33/S3,C12M1/00,C12N15/09,C12Q1/68,G01N31/2
                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
                                                                         GO1N37/OO,
PC C12N15/
CC Sample of
FH Key
FT source
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Method for screening mutated
BD133686
BD133686.1 GI:23228631
JP 2002071687-A/64.
Bynthetia
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An antisense oligonuclectide preparation method
BD065377.1 GI:22610980
BD065377.1 GI:22610980
CP_200151000-A/12.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%;
Similarity 93.8%;
                                                                                                                                                                 31-AUG-2000 JP 2000263396
NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,SHINYA TANAKA
G01N33/53,C12M1/00,C12N15/09,C12Q1/68,G01N31/22,G01N33/566, PC
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C12N15/11, C07H21/04, A61K31/70
An antisense oligonucleotide preparation method
Location/Qualifiers
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                                                                                                                                      C12N15/00
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 1.8e+03;
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RESULT 2543
BD135764
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BD161030
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probe for hybridizing with gene encoding
mutated p53,named
CC as probe 64
CC in Table 1
FH Key
FT source
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Okamoto, T., Yamamoto, N. and Suzuki, T.
Terminal-labeled probe-array and method for evaluating target mass using the patent: JP 2002153284-A 64 28-MAY-2002;
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PN JP 200
PN JS-MAR
PD 05-MAR
PF 31-AUG
PI NOBUKO
PC C12N15
G01N33/566,
PC G01N35
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18 bp DNA linear PATER Terminal-labeled probe-array and method for preparing method for evaluating target mass using the same.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Yamamoto, N., Okamoto, T., Suzuki, T. and Shimizu, A. Method for detecting subjective component in spec substrate for detection used therefor Patent: JP 2002065274-A 68 05-MAR-2002;
                                                                                                                           JP 2002153284-A/64.
                                                                                                                                            BD161030
BD161030.1 GI:27866788
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JP 2002065274-A/68.
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1 (bases 1 to 18)
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NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,AKIRA SHIMIZU
C12N15/09,C12M1/00,C12M1/40,C12Q1/68,G01N31/22,G01N33/53, PC
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JP 2002065274-A/68
05-MAR-2002
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.8e+03;
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Pred. No. 1.8e+03
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                   for preparing the same
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                                                         RESULT 2546
BD177008
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BD167525
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Matches 15
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                              S Yamamoto, N., Okamoto, T. and Suzuki, T.

A method of analyzing a base sequence of a nucleic acid

L Patent: WO 0233068-A, 64 25-APR-2002;
CANON KK, NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI
OS Artificial Sequence
PN WO 0233068-A/64
PD 25-APR-2002
PF 18-OCT-2000 WO 2000JP007244
PI NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI PC
C12N15/09, C12Q1/68, G01N33/566, G01N33/53
CC Sample origonucleotide
FT Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
                                                                                                                                                    5668
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OS Artificial Sequence
OS Artificial Sequence
PN JP 2002153284-A/64
PD 28-MAY-2002
PF 24-NOV-2000 JP 2000357446
PF 24-NOV-2000 JP 2000357446
PF TADASHI OKAMOTO, NOBUKO YAMAMOTO, TOMOHIRO SUZUKI PC
C12N15/09, C12Q1/68, G01N31/22, G01N33/53, G01N33/566, G01N37/00, PC
C12N15/00
CC Description of Artificial Sequence:Synthesized FH Key
Method of analyzing nucleic acid base sequence. BD177008 BD177008.1 GI:30014268
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15; Conserv
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BD167525.1 GI:27873337
WO 0233068-A/64.
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(bases 1 to 18)
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                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A66881
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OS ARTIFICIAL Sequence

PN JP 2002306166-A/64

PD 22-OCT-2002

PF 31-AUG-2000 JP 2000263506

PI NOBUKO YAMAMOTO, HISASHI OKAMOTO, TOMOHIRO SU:

PI NOBUKO YAMAMOTO, HISASHI OKAMOTO, TOMOHIRO SU:

C12N15/09,C12Q1/68//C12M1/00,C12N15/00

CC Sample origonucleotide

FM Key Location/Qualifiers

FT source 1.18

FT source /organism='Artificial Sequence
                                                                                                                                                                                                                           15;
                                                         Sequence
AR060184
                                                                                                                                                                                                                                                                                                                                                          unidentified
unclassified.
1 (bases 1 to 19)
1 (bases 1 to 19)
Stuyver,L., Rossau,R. and Maertens,G.
METHOD FOR TYPING AND DETECTING HBV
Patent: WO 9740193-A 48 30-OCT-1997;
INNOGENETICS NV (BE)
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A66881
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
Yamamoto,N., Okamoto,H. and Suzuki,T.
Yamamoto,N., Okamoto,H. and Suzuki,T.
Method of analyzing nucleic acid base s
Patent: JP 2002306166-A 64 22-OCT-2002;
Unknown
                                            AR060184.1
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                 Unknown.
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Similarity 93.8%;
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48 from Patent WO9740193.
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Location/Qualifiers
                                                                        171 from patent
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/mol_type="unassigned DNA"
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Pred. No. 1.9e+03;
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US 5840540.
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AR119304/c
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AR087339
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Matches 15; Conserv
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3020 GTCACATCTGGCCCTG
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St. George-Hyslop, P.H., Rommens, J.M. and
Nucleic acids encoding presentlin II
Patent: US 5840540-A 171 24-NOV-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                 Sequence
AR119304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genetic Patent:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
AR087339
                                                                                                                                                   1 (bases 1 to 19)
Splawski,I. and Keating,M.T.
Homozygous mutation in KVLQT1 which causes
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                                                                                                                                 Patent: US 6150104-A 67 21-NOV-2000;
                                                                                                                                             Nielsen
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                                                                                                                                                                                         Unclassified.
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                                                 Similarity
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. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.E.
netic sequences and proteins related to alzheimer's disease
tent: US 5986054-A 171 16-NOV-1999;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
                                                                               /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                  Location/Qualifiers
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                                              0.2%;
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; Pred. No. 1.9e
0; Mismatches
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; Pred. No. 1.9e-
0; Mismatches
                                  Score 14.4; DB 1;
Pred. No. 1.9e+03;
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1.9e+03;
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..9e+03;
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BD230759
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Matches 15; Conserv
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AR134526
AR134526.1
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Keating,M.T., Sanguinetti,M.C. and Splawski,I.

Mutations in the KCNE1 gene encoding human minK which ca

arrhythmia susceptibility thereby establishing KCNE1 as

Patent: US 6274332-A 69 14-AUG-2001;
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AR164758
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1 (bases 1 to 19)

St. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.E. Methods for determining risk of developing alzheimez detecting mutations in the presentlin 1 (PS-1) gene Patent: US 6194153-A 171 27-FEB-2001;
                                                                                            Total genome radiation hybrid map of identification of interesting genes.
                         Canis familiaris
                                                                  BD230759
BD230759.1 GI:33040529
                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
                                                       JP 2002530091-A/628.
                                                                                                                        BD230759
                                       Canis familiaris (dog)
                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified
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                                                                                                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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93.8%;
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RESULT 2554
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Patent: JP 2002530091-A 628 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE OS Canis familiaris (dog)
PN JP 2002530091-A/628
PD 17-SEP-2002
PP 15-NOV-1999 JP 2000582596
PF 15-NOV-1999 JP 2000582596
PF 13-NOV-1998 US CATHERINE ANDRE PT RANCIS GALIBERT CATHERINE ANDRE PC C12N15/09,C12Q1/68,C12N15/00
CC FH2177
FH Key Location/Qualifiers
FT Source 1..19
FT Source /organism='Canis familiari
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Sequence
AR211907
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Nucleic acid encoding a retinoblastoma binding protein (RBP-7)
polymorphic markers associated with said nucleic acid
Patent: US 6399373-A 117 04-JUN-2002;
Location/Qualifiers
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Sequence 69 from patent US
AR218722
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Galibert, F. and Andre, C.
Unclassified.
1 (bases 1 to 19)
Keating, M.T., Sanguinetti, M.C.,
                                            Unknown
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117 from patent US 6399373.
                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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                                                                                  GI:23319617
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Pred. No. 1.9e+03;
0; Mismatches 1;
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Pred. No. 1.9e+03;
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  Curran, M.E.,
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    Landes, G
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AR223137
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AR229899
                                                                                                                                      Keating,M.T., Sanguinetti,M.C., Curran,M.E., Connors,T.D., Burn,T.C. and Splawski,I.
KVLQT1--a long QT syndrome gene
Patent: US 6451534-A 69 17-SEP-2002;
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Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Mutations in the KCNE1 gene encoding human mink which
arrhythmia susceptibility thereby establishing KCNE1 &
Patent: US 6432644-A 69 13-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown
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                                                                                                                                                                                                 Unclassified.
                                                                                                                                                                                                            Unknown
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                        /mol_type="genomic DNA"
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                                            Pred. No. 1.9e+03
0; Mismatches
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AR262155/c
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Matches 15
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Best Local Similarity
Matches 15; Conserv
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AR293271
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Sequence
AR256798
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AR262155
1 (bases 1 to 19)
Cohen,D., Chumakov,I. and
Biallelic markers for use
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Keating,M.T., Sanguinetti,M.C. and Splawski,I.

Mutations in the KCNE1 gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: US 6323026-A 69 27-NOV-2001;
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/mol_type="genomic |
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Pred. No. 1.9e+03;
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Sequence 64
AR294722
AR294722.1
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1 (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M. Eiallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 8352 25-MAR-2003;
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AR296617
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1 (bases 1 to 19)
Cohen,D. (Dhumakov,I. and Blumenfeld,M. Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 6457 25-MAR-2003; Location/Qualifiers
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/mol_type="genomic [
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/mol_type="genomic
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Unknown.
Unclassified.
1 (bases 1 to 19)
1 (bases 7, Sanguinetti, M.C.,
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Sequence 54 from patent US
AR309204
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Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerl
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
Receptor
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Sequence 54 from patent US
AR305100
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AR344593
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Location/Qualifiers
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ilarity 93.8%;
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Location/Qualifiers
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/mol_type="genomic DNA"
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Pred. No. 1.9e+03;
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al Similarity 93.8%;
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Sequence 17:
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St. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.E.
Transgenic mice expressing human presentlin proteins
Patent: US 6395960-A 171 28-MAY-2002;
Location/Qualifiers
                                                                                                                                                                       Schork, N. and Skierczynski, B. Methods of genetic cluster analysis and Patent: WO 0129257-A 168 26-APR-2001;
                                                                                                                                                                                                                       Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Butheria; Primates; Catarrhini; Hominidae;
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Sequence 168 from Patent
AX114499
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Diagnostic method for KVLQT1--a long QT
Patent: US 6582913-A 69 24-JUN-2003;
Location/Qualifiers
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Similarity 93.8%;
15; Conservative
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in complement"
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                                                                                                                                             ocation/Qualifiers
                                                                                                                     organism="Homo sapiens"
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                Score 14.4; DB 1;
Pred. No. 1.9e+03;
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RESULT 2569
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Sequence 996 from Patent
AX129778
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Sequence 775 from Patent
AX129557
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Ribozyme therapy for the treatment of
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Homo sapiens
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llarity 93.8%;
Conservative
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                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                  /note="Cdk8 ribozyme binding site"
                                                                                                                                                               Location/Qualifiers
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                                                             93.8%;
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WO0130362.
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RESULT 2570

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RESULT 2572
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AX129780/c
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Sequence 997 from Patent W00130362.
XX129779
                                          Sequence 1930 from Patent AX130712
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Sequence 998 from Patent WO0130362.
AX129780
Homo sapiens (human)
                              AX130712.1
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IMMUSOL, INC. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Ribozyme therapy for the treatment of proliferative skin and eye
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="Cdk8 rlbozyme binding site"
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/db xref="taxon:9606"
/noTe="Cdk8 ribozyme binding site"
                              GI:14137017
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Sequence
AX298958
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AX132039
Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate
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Ribozyme therapy for the treatment of proliferative
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                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates;
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                                                                                                                                                                                                                                                                                                                                                                            /note="Cyclin A1 ribozyme binding site"
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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Patent: EP 1174518-A 106 23-JAN 2002;
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Sequence 106 from Patent
AX352900
                                                                                                                  Loukachov, V.V., Goudsmit, J. and van Gemen, B. Collection of binding molecules Patent: WO 0208463-A 106 31-JAN-2002; Amsterdam Support Diagnostics B.V. (NL)
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/mol_type="unassigned DNA"
/db_xref="taxon:10095"
                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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genes controlled thereby and use thereof
Patent: WO 02074955-A 1 26-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CN
Location/Qualifiers
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Sequence 1 from Patent
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Obesity as
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Taillandier,E. and Netter,P.
                                                                                                                                                                                                                                      synthetic
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Mammalia; Eutheria; Primates;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
1. .19
                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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103, in complement"
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                                           Score 14.4; I
Pred. No. 1.9e
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ACCESSION
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BD106(11
JG-A 26 15-JAN-2002;

LI JAN-2002;

N JP 2002501376-A/26

PD 15-JAN-2002

PF 15-APR-1998 JP 1998543635

PR 15-APR-1997 US 60/043553,05-JUN-1997 US JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES

THOMAS CASKEY, ROGER

PI DAVID COX,

PI DAVID GERHOLD, HOLLY HAMMON''

PC C12N15/12,C12N15/11

PC A61K39/395,

PC A61K49/'
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artificial sequences.
1 (bases 1 to 19)
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Novel LDL-receptor.
BD106011
                                                                                                                                                                                                                     Todd, J.A., Hess, J.W., and Hey, P.
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20-NOV-2001
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.9e+03;
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BD196803
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BD221977
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                          312
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PN JP 2002516657-A/392

PD 11-JUN-2002

PP 22-DEC-1998 JP 2000525562

PR 22-DEC-1999 US 08/996306,09-SEP-1998 US 60/099658 PI

DANIEL COHEN, WARTA BLUMENPELD, ILYA CHUMAKOV, LYDIE BOUGUELERET PC

C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC

C12N1/19,
                                                                              BD221977 19 bp DNA linear P Nucleic acid encoding retinoblastoma-binding protein polymorphic marker relating to the nucleic acid.
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PC C12N5/00, C12N15/00
CC downstream amplific
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JP 2002516657-A/392.
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  Eukaryota; Metazoa; Chordata;
                  HOMO
                                          BD221977.1 GI:33031747
JP 2002519027-A/116.
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Mammalia; Eutheria; Primates;
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Homo sapiens
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BD196803
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               sapiens (human)
sapiens
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ilarity 93.8%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                       downstream amplification primer Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                                                                                                                                                                                                                                                                       organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 1.9e+03;
0; Mismatches 1
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Pred. No. 1.9e+03;
0; Mismatches 1
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Craniata; Vertebrata; Euteleostomi;
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Best Local (
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)
Keating, M.T., Sanguinetti, M.C., Karan, M.E., Landes, G.M.,
Connors, T.D., Burn, T.C. and Splawski, I.
KYLQT1-QT extension syndrome
Patent: JP 2002521045-A 67 16-JUL-2002;
UNIVERSITY OF UTAL RESEARCH FOUNDATION, GENZYME CORP
OS Homo sapiens (human)
DP 2002521045-A/67
DN 15 2002521045-A/67
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Nucleic acid encoding retinoblastoma-binding protein (RBP-7) and polymorphic marker relating to the nucleic acid Patent: JP 2002519027-A 116 02-JUL-2002;

GENSET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (human)
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BD222869
BD222869.1 GI:33032639
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potential microsequencing oligo for 5-143-101.mis1 FH
Location/Qualifiers
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                                                                                                                                                                                                                                                                                               PI TIMOTHY D CONNORS, TIMOTHY C BURN, IGOR SPLAWSKI PC C12N15/09, A01K67/027, C07K14/46, C07K14/47, C07K16/18, C12N1/15,
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DP 2002519027-A/116

02-JUL-2002

30-JUN-1999 JP 2000557360

30-JUN-1998 US 60/091315,10-DEC-1998
                                                                                                                                                                                                                                                                                                                                                                          12-MAY-1999 JP 2000562052
29-JUL-1998 US 60/094477,17-AUG-1998 US 09/135010 PI
T KEATING,MICHAEL C SANGUINETTI,MARK E KARAN,GREGORY M PI
                                                                                                                         G01N33/53,G01N33/53,G01N33/566,G01N33/577,G01N33/58,G01N33/68,C12N15/00,C12N15/00
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                                                                                                    KVLQT1-QT extension syndrome
/organism='Homo sapiens (human)'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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93.8%; Pred. No. 1.9e+03;
vative 0; Mismatches 1
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A27993/c
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AUTHORS
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Matches 15; Conserv
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                                        synthetic construct synthetic construct
                                                                                    GPIIb silencer seque
A27993
A27993.1 GI:1248550
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Sciryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Hoshi,M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct synthetic construct
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               artificial sequences.
1 (bases 1 to 20)
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nilarity 93.8%;
Conservative (
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                                                                                                                                                                                                                                                                                                                    /note="forward primer for human STS sts-D1S378 at 1p36 sts-D1S378 obtained from clones B140B13, B57B11, B203I24, B81G11, B364J10, B22M1, B76020, B74J20, B220M24, Human BA library RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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IS sts-D1S378 at
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Robinson,G.S. and Smith,L.Elaine.Hodgson.
Inhibition of nevvascularization using VI
oligonucleotides
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GPIIb silencer sequence
A27994
A27994.1 GI:1247144
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                                                                                                                                                   Patent: US 5801156-A 12 01-SEP-1998;
                                                                                                                                                                                                                                         Unknown.
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ilarity 93.8%;
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                                                                                               /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon;32630"
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Sequence
AR043283
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1 (bases 1 to 20)

1 (bases 1 to 20)

Robinson,G.S. and Smith,L.Elaine.Hodgson.

Inhibition of neovascularization using vegf-specific
                      1 (bases 1 to Reed, J.C.
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Sequence 3 from patent US
AR052605
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Kern, S.E. and Hahn, S.A.
Regulation of bcl-2 gene expression Patent: US 5831066-A 3 03-NOV-1998;
                                                        Unknown
                                                                                         AR052605.1
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nt: US 5814457-A 71 29-SEP-1998;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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AR074938/c
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AR054611
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AR074938
AR074938.1 GI:10001690
                                                                                                                                Tumor suppressor gene, DPC4
Patent: US 5955292-A 71 21-SEP-1999;
                                                                                                                                                       1 (bases 1 to 20)
Kern, S.E. and Hahn, S.A.
                                                                                                                                                                             Unclassified.
                                                                                                                                                                                         Unknown.
                                                                                                                                                                                                   Unknown.
                                                                                                                                                                                                                                                         AR074938
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Monitoring an immune response by analysis immunoglobulin or T-cell-receptor nucleic Patent: US 5837447-A 32 17-NOV-1998;
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                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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RESULT 2593 AR100490/c

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AR117584
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Matches 15; Conserv
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        Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Bennett, C. Frank. and Cowsert, L.M.

Antisense modulation of Y-box binding pr

L Patent: US 6140126-A 78 31-CCT-2000;

Location/Qualifiers

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Sequence 78
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AR117770.1
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Sequence
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Patent: US 6140124-A 76 31-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                           Unknown.
Unknown.
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Monia, B.P., Gaarde, W.A.,
Antisense modulation of 1
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Antisense oligonucleotide modulation of tumor necrosis factor..alpha. (TNF-.alpha.) expression
Patent: US 6080580-A 221 27-JUN-2000;
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/organism="unknown"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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AR118900
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/mol_type="unassigned DNA"

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2302 CAGCCTGGGATCACTT 2317
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Monia, B.P., Gaarde, W., Ward, D.T. and Cowsert, L.M.
Antisense modulation of MEKK1 expression
Patent: US 6168950-A 31 02-JAN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
Uchida, T., Uchida, T., Tanaka, Y., Matsuda,
Antisense nucleic acid compound targeted
Patent: US 6150092-A 26 21-NOV-2000;
                                                                                AAACTGGAAAAGGACT
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26 from patent
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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1 (bases 1 to 20)

Baker, B.F., Bennett, C.Frank., Butler, M.M. and Antisense oligonucleotide modulation of tumor factor-(.alpha.) (TNF-.alpha.) expression Patent: US 6228642-A 221 08-MAY-2001;
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Li,L. and Hood,L.
Human jagged polypeptide, encoding nucleic acids
Patent: US 6136952-A 74 24-OCT-2000;
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 26 09-JAN-2001;
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/mol_type="unassion"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR159105
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Sequence
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AR159105
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TNF..alpha.) expression
Patent: US 6228642-A 366 08-MAY-2001;
                                                                                                              U
                                                                                                                                                                                                                                       Method for evaluating oligonucleotide Patent: US 6251588-A 727 26-JUN-2001;
                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
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larity 93.8%; Pred. No. 2.1e+03;
Conservative 0; Mismatches 1
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                                                                                                                                                                                           /organism="unknown"
/mol_type="unassigned
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93.8%; Pred. No. 2.1e+C
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RESULT 2605
BD228163/c
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S Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.

Antisense oligonucleotide regulation of expression of necrosis factor-alpha (TWF-alpha)

Patent: JP 2002526125-A 221 20-AUG-2002;

ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526125-A/221
PD 20-AUG-2002
PD 20-AUG-2002
PP 05-OCT-1999 US 09/166186,18-MAY-1999 US 09/
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necrosis
BD228163
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Spurr, N.K., Gray, I.C. and Stewart, L.M.
Diagnosis of susceptibility to cancer and
Patent: US 6287854-A 87 11-SEP-2001;
          Antisense oligonucleotide regulation of necrosis factor-alpha (TNF-alpha).
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                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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BD229321
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PC A61P1
C07H21/02
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PF 05-OCT-1999 JP 2000574737

PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/311

BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM

SHANAHAN JR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 20)
Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.
Antisense oligonucleotide regulation of expression
necrosis factor-alpha (TNF-alpha)
Patent: JP 2002526125-A 366 20-AUG-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526125-A/366
                                                                                                                                                                                                                                                  1 (bases 1 to 20)
Hsiang,Y., Buchan,A., Levy,J. and Margaron,P.M.C Selective treatment of endothelial somatostatin Patent: JP 2002523465-A 8 30-JUL-2002; THE UNIVERSITY OF BRITISH COLUMBIA, QLT INC OS Homo sapiens (human)
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Selective treatment of endothelial somatostatin receptors
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                 C12N15/00
Selective treatment of endothelial somatostatin receptors FH
                                A61P43/00, A61P43/00//C12N15/09, C12Q1/02, C12Q1/68, A61K37/02,
                                                                    A61P17/02, A61P17/06, A61P27/02, A61P27/06, A61P29/00, A61P35/00,
                                                                                                                                             MARGARON
                                                                                                                                                           01-SEP-1999 JP 2000567226
01-SEP-1998 CA 2246791
YORK HSIANG, ALISON BUCHAN, JULIA LEVY, PHILIPPE MARIA CLOTAIRE
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e
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1 Similarity 93.8%;
15; Conservation
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1 (bases 1 to 20)

Monia, B.P., Gaarde, W.A., Nero, P.S., Mckay, R. and Popoff, I.
Antisense modulation of p38 mitogen activated protein kinase
Patent: JP 2002540781-A 72 03-DEC-2002;

ISIS PHARMACEUTICALS INC
OS Artificial Sequence
N JP 2002540781-A/72

N 2002540781-A/72
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Antisense modulation of p38 mitogen
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Pituitary polypeptide ZSIG66
BD263559
synthetic construct
                      BD263559.1 GI:33073327
JP 2002532091-A/12.
Bynthetic construct
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04-APR-2000 JP 2000609429
06-APR-1999 US 09/286904
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Key
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Antisense modulation of p38 mitogen activated expression
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Artificial
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.1e+03;
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Pred. No. 2.
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AUTHORS
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KEYWORDS
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PC C07K19/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02 PC

PC C12P21/08,C12Q1/02,

PC C12Q1/68,G01N33/50,C12N15/00,C12N5/00,A61K37/^^ -

C01igonucleotide primer ZC19964

FH Key Location/^

FT Bource
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Shuji,H., Ryo,F., Yuji,K. and Hirokazu,M.
Utilization of peptide
Patent: JP 1999071300-A 64 16-MAR-1999;
TAKEDA CHEM IND LTD
OS Unidentified
PN JP 1999071300-A/64
PD 16-MAR-1999
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JP 1999071300-A/64.
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Patent: JP 2002532091-A 12 02-OCT-2002;
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Sheppard, P.O.
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16-DEC-1998 US 09/212947
PAUL O SHEPPARD
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02-OCT-2002
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                                                                                                                                                                                                                                                 Topology: Linear;
                                                                             /organism='Unidentified'
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/organism="unidentified"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.2%;
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Pred. No. 2.1e+03
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Best Local Similarity

Matches 15; Conserv
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Sequence
I47647
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Robinson,G.S.
Robinson,G.S.
Human VEGF-specific oligonucleotides
Patent: US 5639736-A 12 17-JUN-1997;
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Marguerie de Rotrou, Gerard., Uzan, G. and
Enhancer and silencer seguences isolated
Patent: US 5565358-A 3 15-OCT-1996;
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                                                                                                                                                                                                                                                                                           Unknown.
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llarity 93.8%;
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/mol_type="unassion:
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/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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             from
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                                                                                                                                       Score 14.4; DB 1;
Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                              Sequence
178497
                                                                                                                                                                                                                                                                                                                                                   15;
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                                                                       1 (bases 1 to 20)
Li,X.-J., Blackshaw,S. and Snyder,S.H.
Amiloride-sensitive sodium channel and method of identifying substances which stimulate or block salty taste perception Patent: US 5693756-A 8 02-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
163148
                                                                                                                                                                                                                                                                                                                                                                                                                                    Robinson,G.S.
Human VEGF-specific oligonucleotides
Patent: US 5661135-A 12 26-AUG-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Robinson, G.S.
Human VEGF-specific oligonucleotides
Patent: US 5639872-A 12 17-JUN-1997;
                                                                                                                                                 Unclassified.
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12 from patent US 5661135.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                    mol_type="unassigned"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
Score 14.4; DB 1;
Pred. No. 2.1e+03;
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Marches 15; Conserv
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Best Local Similarity 93.8%;
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  Unknown.
Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                    Sequence 71 from patent US 182134
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                                                 Sequence 12 from patent US 193796
                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
Kern, S.B. and Hahn, S.A.
Tumor suppressor gene, DPC4
Patent: US 5712097-A 71 27-JAN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                oligonucleotides
Patent: US 5710136-A 12 20-JAN-1998;
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1 (bases 1 to 20)

Robinson,G.S. and Smith,L.Elaine.Hodgson.
Inhibition of neovascularization using VEGF-specific
                                      193796.1
                                                                         I93796
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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AR212011/c
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I96084
                                                                                                                  Ward, D.T. and Watt, A.T.

Mard, D.T. and Watt, A.T.

Antisense modulation of RECQL2 expression

Patent: US 6399378-A 67 04-UN-2002;

Location/Qualifiers
                                                                                                                                                                                         Unknown
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Patent: US 5731294-A 12 24-MAR-1998;
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Robinson,G.S. and Hodgson Smith,L.Elaine.
Inhibition of neovasularization using VEGF-specific
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                                  0.2%; Score 14.4; DB 1; larity 93.8%; Pred. No. 2.1e+03; Conservative 0; Mismatches 1;
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                                                                                /mol_type="unassigned
                                                                                              organism="unknown"
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AR225900
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1 (bases 1 to 20)

Monia, B.P., Gaarde, W.A., Nero, P. and McKay, R. Antisense modulation of p38 mitogen activated expression
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                                                                                     AR228869.1
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larity 93.8%;
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                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="genomic |
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/mol_type="genomic |
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                                             Query Match 0.2%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity 93.8%;
Matches 15; Conservative
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AR262227
AR262227.1
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Sequence 48
AR233366
AR233366.1
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Butler,M.M., McKay,R., Monia,B.P. and Wyatt,J.
Antisense modulation of glycogen synthase kinase
Patent: US 6323029-A 25 27-NOV-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 20)
Morris, M.S., Shoemaker, D.D., Davis, R.W.
Selecting tag nucleic acids
Patent: US 6458530-A 48 01-OCT-2002;
Location/Qualifiers
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Location/Qualifiers
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Unclassified.
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/mol_type="genomic DNA"
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Pred. No. 2.1e-
0; Mismatches
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                                             Score 14.4; DB 1;
Pred. No. 2.1e+03;
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Sequence
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 5670 25-MAR-2003; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 20)
1 (bases 1) to 20)
Freier,S.M. and Wyatt,J.
Rntisense modulation of syntaxin 4 interacting protein expression
Patent: US 6503756-A 118 07-JAN-2003;
Location/Qualifiers
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AR272048
                             Unclassified.

1 (bases 1 to 20)

Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 9656 25-MAR-2003;
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/mol_type="genomic DNA"
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Patent: US 69
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Haynes, B.F., Sempowski, G.D. and
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/mol_type="genomic DNA"
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/mol_type="genomic"
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J.
Sankaran,B. and Fletcher,L.D.
Chlamydla pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 1513 06-MAY-2003;
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Griffais,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                          Griffais,R., Holseth,S.K., Zagursky,R.J., Metcalf,B.J
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 1915 06-MAY-2003;
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                                                                          Chlamydia pneumoniae polynucleotides and uses thereof Patent: US 6559294-A 3250 06-MAY-2003;
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                                                                                                               Metcalf, B.J.,
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RESULT 2635
AR317366/c
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AR312915/c
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AR313333/c
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AR317366
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AR313333
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 3870 06-MAY-2003;
                                                                                                                                                                                                                                                                                                       Unknown.
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J
Sankaran,B. and Rletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 3452 06-MAY-2003;
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/mol_type="genomic |
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              GI:33698460
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AR337127/c
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AR317392
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Ishizuka,T., Ishiguro,T. and Saitoh,J.
Oligonucleotides for detection of Vibrio parahaemolyticus and detection method for Vibrio parahaemolyticus using the same
                                                                                                                                                                            AR337127
Sequence 52 from patent
AR337127
AR337127.1 GI:33722981
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Ishizuka, T., Ishiguro, T. and Saitoh, J.
Ishizuka for detection of Vibrio parahaemolyticus and detection method for Vibrio parahaemolyticus using the same
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15; Conservative
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Patent: US 6562955-A 44 13-MAY-2003;
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Location/Qualifiers
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                                                                       Antisense modulation of caspase 6 expression Patent: US 6566135-A 52 20-MAY-2003;
                                                                                                     Watt, A.T.
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/mol_type="genomic DNA"
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Pred. No. 2.1e+03;
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AR410215
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AR410223
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AR410223.1
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AR410222
AR410222.1
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Sequence 16 from patent US
AR410215
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Monforte, J.A., Becker, C.H., Pollart, D.J. and Releasable nonvolatile mass label molecules Patent: US 6635452-A 26 21-OCT-2003;
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Similarity 93.8%; Pred. No. 2.1e+03;
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/mol_type="genomic DNA"
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/mol_type="genomic |
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AX038327
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AX020762
                                                                         De Canck,I.D., Rossau,R. and Rombout,A.

Method for the amplification of hla class i alleles

Patent: WO 006195-A 84 19-OCT-2000;

CANCK ILSE DE (BE) ; ROSSAU RUDI (BE) ; INNOGENETIC

ROMBOUT ANNELIES (BE)
                                                                                                                                                                                                                                                            AX038327
Sequence 84 from Patent
AX038327
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Monforte,J.A., Becker,C.H., Pollart,D.J. and Shaler,T.A.
Releasable nonvolatile mass label molecules
Patent: US 6635452-A 27 21-OCT-2003;
Location/Qualifiers
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                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                  Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
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                                                              Location/Qualifiers
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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AX108630
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Sequence 11 from Patent WO0125422.
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Antisense compositions and cancer-treatment
Patent: WO 0125422-A 11 12-APR-2001;
Avi Biopharma, Inc. (US)
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Patent: WO 0121834-A 17 29-MAR-2001;
The Mathilda & Terence Kennedy Institute
The Institute of Molecular Medicine (GB)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX100981
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GACTTGGCTTCTCCCT 16
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                                                                                                                  organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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from Patent WO0121834.
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Pred. No. 2.1e+03;
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RESULT 2645

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AX224977
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Libraries of optimum subsequence regions of mrna and genomic for control of gene expression

Patent: WO 0161030-A 131 23-MG-2001;
synthetic construct
synthetic construct
                                               Sequence 15 from Patent AX229728
                                                                                                                                                                                                                                                                                      Cytoclonal Pharmaceutics, Inc. (US); University of Texas at Dallas, Dept. of Molecular and Cell Biology (US); Lab. of Experimental Carcinogenesis, National Cancer Institute/NIH (US)
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Sequence 17 from Patent WO0135990.
AX147439
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                                                                                                                                                                                                                             /organism="Homo sapiens"
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Pred. No. 2.1e+03;
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Sequence 5 from Patent WO0171030.
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Sequence 20 from
AX280045
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                                                                                  Genetic factor affecting cytokine expression Patent: WO 0177382-A 20 18-OCT-2001; ISIS INNOVATION LIMITED (GB)
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Patent: WO 0162933-A 15 30-AUG-2001;
Royal Brompton and Harefield NHS Trust (GB)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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AX394368/c
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AX716675/c
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Patent: EP 1293569-A 3359 19-MAR-2003;
Helix Research Institute (JP) ; Research Association
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AX716675
AX716675.1 GI:29889991
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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                                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
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/noTe="an artificially synthesized primer sequence"
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/mol type="taxon:32630"
/moEe="Primer"
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Sequence 55 from Patent W003054755.
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Patent: EP 1293569-A 3372 19-MAR-2003;
Helix Research Institute (JP) ; Resear
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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/mol_type="unassigned DNA"
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OS Artificial Sequence
OS Artificial Sequence
PN JP 2001258570-A/1
PD 25-SEP-2001
PD 25-SEP-2001
PF 17-MAR-2000 JP 2000081806
PF TETSUYA ISHIZUKA, TAKAHIKO ISHIGURO, HISAKAZU SAITO PC
C12N15/09, C12Q1/68, C01N33/53, G01N33/566, G01N33/569/C12Q1/04,
(C12Q1/68, C12R1:01), (C12Q1/04, C12R1:01), C12N15/00 CC
Oligonucleotide capable of binding specifically to tdh2 or RNP
CC derived
CC from the gene
FH Key Location/Qualifiers.
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AX804493
AX804493.1 GI:38521634
                                                             l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                               Ishizuka, T., Ishiguro, T. and Saito, H. Oligonucleotide for detecting Vibrio parahaemolyticus Patent: JP 2001258570-A 1 25-SEP-2001;
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Oligonucleotide for detecting
BD017063
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oreochromis niloticus (Nile tilapia) Oreochromis niloticus
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1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
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                                TTATTTTATTTATAT 6697
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                                                                                                                                                                                             Location/Qualifiers.
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/mol_type="unassigned DNA"
/db_xref="taxon:8128"
                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
                                                                             Score 14.4; DB 1;
Pred. No. 2.1e+03;
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1g Vibrio
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o parahaemolyticus.
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                                                                                                               PF 10-DEC-1997 JP 1998526924
PR 10-DEC-1996 US 60/033037,16-MAY-1997 US
JOSEPH A MONTFORTE, CHRISTOPHER H BECKER, DANIEL J
THOMAS A SHALER
PC C12Q1/68 GOTINIE /~
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PC G01N33,
CC Primer
FH Key
FT source
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PN JP 2001340086-A/6
PD 11-DEC-2001
PF 31-MAY-2000 JP 2000166503
PF 31-MAY-2000 JP 2000166503
PI TETSUYA ISHIZUKA, TAKAHIKO ISHIGURO, JUICHI SAITO PC
C12N15/09, C12Q1/04, C12Q1/68, C12Q1/68, G01N33/53, G01N33/566,
                                                                                                                                                                                                                                  artificial sequences.

1 (bases 1 to 20)

Montforte, 7.A., Becker, C.H., Pollart, D.J. ar Montforte provided monvolatile mass-label molecules Patent: JP 2001524808-A 7 04-DEC-2001;

GENETRACE SYSTEMS INC
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Method for detecting thermostable
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synthetic construct
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Ishizuka,T., Ishiguro,T. and Saito,J.
Method for detecting thermostable hemolysin
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chemically cleavable disulfide-containing group between N Location/Qualifiers
                                                      H01J49/00,C07H21/04,C07K15/26,C07K15/28
Description of Artificial Sequence: Primer
Mass label attached to an amino-modified tr
                                                                                                                                                                                         Artificial Sequence
JP 2001524808-A/7
04-DEC-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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of Vibrio
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RS Montforte, J.A., Becker, C.H., Pollart, D.J. and Shaler, T.A.

Releasable nonvolatile mass-label molecules

Patent: JP 2001524808-A 14 04-DEC-2001;

GENETRACE SYSTEMS INC

OS Artificial Sequence
PN JP 2001524808-A/14

PD 04-DEC-2001

PF 10-DEC-1997 JP 1998526924
PF 10-DEC-1996 US 60/033037, 16-MAY-1997 US 60/046719 PI
JOSEPH A MONTFORTE, CHRISTOPHER H BECKER, DANIEL J POLLART, PI
THOMAS A SHALER

PC C12Q1/68, G01N15/06, G01N33/53, G01N33/542, C12P19/34, C12M1/00, PC

B01D59/44,
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                                                         Releasable nonvolatile mass-label molecules.
BD084697
BD084697. GI:22630307
JP 2001524808-A/15.
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Description of Artificial Sequence: Primer D
Mass label attached to an amino-modified thymidine(N); CC
                                                                                                                                                                                                                                                                                                                                                                                   modified base
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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GENETRACE SYSTEMS INC
OS Artificial Sequence
PN JP 2001524808-A/15
PD 04-DEC-2001
PF 10-DEC-2001
PF 10-DEC-1997 JP 1995256924
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Patent: JP 2001321190-A 2390 20-N
THE INSTITUTE OF PHYSICAL AND CHE
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PC C12Q1/68, G01N15/06, G01N33/53, G01N33/542, C12P19/34, C12M1/00, B01D59/44,
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PR 10-DEC-1996 US 60/033037,16-MAY-1997 US 60/046719
JOSEPH A MONTFORTE,CHRISTOPHER H BECKER,DANIEL J POLLART, PI
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1 (bases 1 to 20)
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JP 2001321190-A/2390
20-NOV-2001
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Description of Artificial Sequence: Primer E
Mass label attached to an amino-modified thymidine(N);
                                                                                                                                                                    Description of Artificial Sequence:Synthetic Location/Qualifiers
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                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                    organism='Artificial|
| Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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              0.2%;
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93.8%; Pred. No. 2.1e+03
tive 0; Mismatches
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Pred. No. 2.1e+03
0; Mismatches
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                              Length 20,
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BD128120
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                                TITLE
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Primer fo
BD128120
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PN JP 2002017375-A/3551
PD 22-JUA-2002
PD 22-JUA-2002
PF 07-JUL-2000 JP 2000253172
PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUK PI ISHII,
PI YURI KAWAI, AI WAKAWATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
PC TETSUJI OTSUKI, HISASHI KOGA
                                                                                                                                                                                                                                                                                                             4
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JP 2002017375-A/3551.
unidentified
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BD168906.1 GI:27874718
WO 0236764-A/17.
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Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                              Homo sapiens (human)
                                                                                                                                                                                                             Process for producing
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                            Process for producing standardized DNA library
                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
1 (bases 1 to 20)
Takagaki,K. and Kaminishi,Y.
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07-JUL-2000 JP 2000253172
TOSHLO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI,SHIZUKO
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WO 0236764-A 17 10-MAY-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.1e+03;
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standardized
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BD176224/c
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PN WO 0236764-A/17

PD 10-MAY-2002

PF 30-CCT-2001 WO 2001JP009492

PR 30-CCT-2000 JP 00D 329998

PI KAZUCHIKA TAKAGAKI, YOSHINORI KAMINISHI

PC C12N15/09

CC Process for producing standardized DNA library and CC
                                                                                                                                                                                                                                                                                                                                                                             A method of arraying genome clone
Patent: WO 02072815-A 24 19-SEP-2002;
BIICHI SOBDA, TAKESHI KUKITA
OS Artificial Sequence
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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Description of Artificial Sequence: Synthetic DNA Location/Qualifiers
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19-SEP-2002
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12-MAR-2001 JP 01P 68285
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Location/Qualifiers
                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 2.1e+03;
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DEFINITION

BD211676 20 bp Antisense oligonucleotide sequence

of neuropilin and method

linear

PAT 17-JUL-2003 imethod of

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AB067896/c
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OS Homo sapiens (human)

PN JP 2002512793-A/19

PD 08-MAY-2002

PP 23-APR-1999 UP 2000545999

PR 23-APR-1998 US 60/082791

PI JIM A WRIGHT, AIPING H YOUNG, YOON S LEE

PI CINNIS/09, A61831/711, A61848/00, A61875/00, C12N15/00 CC

Antisense oligonucleotide sequence of neuropilin and methoc CC

Same for controlling cell proliferation

CC same for controlling cell proliferation

FH Key Source 1.20

FT SOURCE 1.20

Organism='Homo sapiens (human)'.
                     Direct Submission

Submitted (04-AUG-2001) Akira Horii, Tohoku University School Submitted (04-AUG-2001) Akira Horii, Tohoku University School Middicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15;
                                                                                                                                                                                                                     A BAC-based STS-content map spanning a 35-Mb chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                           Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Hand Soeda,E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AB067896
Synthetic construct DNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               yright, J.A., Young, A.H. and Lee, Y.S. Wright, J.A., Young, A.H. and Lee, Y.S. Antisense oligonucleotide sequence of neuropilin and using the same for controlling cell proliferation Patent: JP 2002512793-A 19 08-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
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AB067896.1
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JP 2002512793-A/19.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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organism="synthetic construct"
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93.8%;
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Pred. No. 2
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AR012694
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                                      15; Conserv
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Peattie, D.A., Harding, M.W. and Livingston, D.J.
Isolation of an M.sub.r 52,000 FK506 binding protein and
cloning of a corresponding human cDNA
Patent: US 5763590-A 27 09-JUN-1998;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human single nucleotide polymorphisms
Patent: WO 0138576-A 440 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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AX154342
AX154342.1 GI:14535956
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15; Conserv
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llarity 93.8%;
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                                                                                       /organism="unknown"
/mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 2.2e+03;
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Pred. No. 2.1e+03;
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AR094153/c
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     AUTHORS
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Matches 15; Conserv
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Sequence
AR031464
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15; Conserv
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Sequence 6 from patent US
AR092606
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Method and means for sorting and identifying biological information Patent: US 5866363-A 12 02-FEB-1999; Location/Qualifiers
                                                                                                                                                                                                                                                                                                       Methods of synthesizing and amplifying of multiple oligomers Patent: US 5998175-A 6 07-DEC-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 21)
Pieczenik,G.
1 (bases 1 to 21)
Akhavan-Tafti, H.
Methods of synthesizing labeled polynucleotides by ligation of
                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 21)
Akhavan-Tafti,H.
                                                                                                                                                                                                                                                                                                                                                                                      Unknown
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                                    Unclassified.
                                                 Unknown
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                                                                                                     6 from patent US
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                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
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AR138715
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Sequence
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Sequence
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Patent: US 6001614-A 6 14-DEC-1999;
Location/Qualifiers
                                                                                                                                1 (bases 1 to 21)
Housman, D.E., Ledley, F.D. and Stanton, V.P. Jr.
Inhibitors of alternative alleles of genes encoding
mediate cell response to environmental changes
Patent: US 6200754-A 13 13-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 21)
Tekamp-Olson,P.
Method for expression of heterologous
Patent: US 6083723-A 21 04-JUL-2000;
Location/Qualifiers
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Similarity 93.8%;
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                                                                                    /organism="unknown"
/mol_type="unassigned
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
                                                      Score 14.4; DB 1;
Pred. No. 2.2e+03;
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Pred. No. 2.
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        16
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OS Homo sapier
PN JP 20025212
PD 16-JUL-2002
PF 22-JUL-1999
PR 24-JUL-1999
PR 24-JUL-1999
02-FEB-1999 US
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15; Conserv
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Tekamp-Olson,P.
Method for expression of heterologous proteins in yeast Patent: US 6312923-A 21 06-NOV-2001;
Location/Qualifiers
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Sequence 21 from patent
AR177438
AR177438.1 GI:17919793
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Method of synthesizing polynucleotide by the linkage of a number of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        σ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: JP 2002521036-A 6 16-JUL-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            oligomers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method of synthesizing polynucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unknown
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         CCTTGAAGCTGGTTTC
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                                                                     Conservative
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Key
                                                                                                                                                                                                                                                                                    sequence located downstream of the joining
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                                                                                                                                                                                                                          source
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24-JUL-1998 US 09/121887,02-FEB-1999
B-1999 US 09/241979,05-FEB-1999 US
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                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
                                                                                                                                                                                                                                                                                                    C12N15/09, C12Q1/68, C12N15/00
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                                                                                                                                                                                       /organism='Homo sapiens
                                                                                                                                                                                                                                                                       immunoglobulin
                                                                                                                              /organism="Homo sapiens"
/mol_type="genomic DNA"
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Pred. No. 2.2e
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Pred. No. 2.2e+03;
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3 6312923.
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Catarrhini; Hominidae;
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09/245984 PI
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JOURNAL
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1 (bases 1 to 21)
THORS Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C.,
Calvin,B.H. and William,H.A.
LE Human telomerase catalytic subunit promoter
NAL Patent: JP 1999253177-A 131 21-SEP-1999;
JERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 1999253177-A/131
PD 21-SEP-1990
PP 16 SEP-1990
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                                                                                                                                                                                                                                                                                                                                                                              431 TGGAATACATGGTCCA 446
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PC (2015/09, A61K31)
PC A61K31/00, A61K31
PC A61K31/00, A61K3)
PC A61K39/395, A61K3
PC C12N5/10,
PC C12N5/10,
PC C12P21/02, C12P21
PC C12N15/00,
PC C12N15/00,
PC C12N15/00,
PC C12N15/00,
PC C12N15/00,
PC M61K37/02, C12N5/
PC A61K37/02, C12N5/
PC A61K37/02, C12N5/
PC A61K37/02, C12N5/
PC M69y
FT BOUXCE
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1 (bases 1 to 21)
Martin, R.B., Michael, A.L. and Patrik, V.W.
Novel prokaryotic polynucleotide, polypeptide and Patent: JP 199915586-A 26 15-JUN-1999;
SMITHKLINE BEECHAM CORP
                                                                                                                                                                                                                                                     Human telomerase catalytic
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Staphylococcus aureus
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05-AUG-1997 US 60/055387
MARTIN KARL RASSERU BURNHAM,MICHAEL ARTHUR LONETTO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       C12N15/09, A61K31/00, A61K31/00, A61K31/00, A61K31/00, A61K31/00,
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JP 1999155586-A/26
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Prokaryotic polynucleotide, polypeptide and utilization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism='Staphylococcus aureus'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Staphylococcus aureus"
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                                                                                                                              Toru, N., Karen, B.C.,
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Length 21;

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Gaps

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PAT 18-JUN-2001

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RESULT 2678
176929
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C12R1:84),
PC (C12N1/21,C12R1:1
PC (C12N9/12,C12R1:9
PC Topology: Linear;
PH Key
PT Source
PT Source
PT Source
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de la Chapelle, A., Vogelstein, B.
Human MSH2 protein
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                                                                      Sequence 11 from patent 176929
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                         Unknown.
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Unclassified.
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llarity 93.8%;
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C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
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US 5591826-A 11_07-JAN-1997;
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                                                                                                                                                                                                                                                                                 /organism="unknown"
/mol_type="unassigned DNA"
                                                        GI:3013083
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.2e+03;
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AR212830
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit: diagnostic and therapeuti
                                                                                                                                                                                                                                                           AR243444 21 Sequence 237 from patent US AR243444
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Shipman,R., Leushher,J. and Dunn,J.M.
Method and reagents for testing for mutations
Patent: US 6403303-A 77 11-UN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 21)
de la Chapelle,A., Vogelstein,B. and Kinz
Diagnostic method employing MSH2 nucleic
Patent: US 5693470-A 11 02-DEC-1997;
                                                                                                                   Patent: US 6475789-A 237 05-NOV-2002;
Location/Qualifiers
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Sequence 77 from patent US 6403303.
AR212830 AR212830.1 GI:23309696
                                                                                                                                                                                                   Unclassified.
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TTCCGCCCGCTGGTGG 3552
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                                  0.2%; Score 14.4; larity 93.8%; Pred. No. 2.20
Conservative 0; Mismatches
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                                                                              /organism="unknown"
/mol_type="genomic"
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/mol_type="unassign
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0; Mismatches
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AR390600/c
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AR265831/c
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Matches 15; Conserv
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Sequence 12:
AR265831
AR265831.1
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Sequence 470
AR390600
AR390600.1
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1 (bases 1 to 21)
Morin,G.B. and Andrews,W.H.
Promoter for telomerase reverse transcriptase
Patent: US 6610839-A 470 26-AUG-2003;
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                                                                                                                                                                                                                                                                                                              Method and means for sorting and identifying Patent: US 6605448-A 12 12-AUG-2003; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 21)
Pieczenik,G.
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Sequence 12 from patent US
AR374530
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Unclassified.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity 93.8
Matches 15; Conservative
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AR393649
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15; Conserv
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Hayden, M.R., Brooks-Wiison, A.R. and Pimstone, S.N.
Process for identifying modulators of ABC1 activity
Patent: US 661712-A 188 09-SEP-2003;
Location/Qualifiers
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Unclassified.
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nilarity 93.8%;
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/mol_type="genomic DNA"
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                                                                                         /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic
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                                                                                                                                                                                                                                                                                                      De Canck, I.D., Rossau, R. and Rombout, A. Method for the amplification of hia class i alleles Patent: WO 0061795-A 85 19-OCT-2000, CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mccarthy,J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1349 15-MAR-2001;
                                                                                                                                                         Sequence 1349 from Patent
AX096171
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mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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University of British Columbia (CA);
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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ACCESSION
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AX138989
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AX096583
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
                                                                                                            JOURNAL
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Single nucleotide polymorphisms in genes
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1761 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Pharmaceuticals, Inc. (US)
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AX096583
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Sequence 37 from Patent EP1090995
AX138989
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                                                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                            Patent: EP 1090995-A 37 11-APR-2001;
Pfizer Products Inc. (US)
                                                                                                                                        King, K.W., Madura, R.A. and Rosey, E.L. Mycoplasma hyopneumoniae antigen mhp3,
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                                                                                          Pfizer Products Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
             organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"
                                                                          Location/Qualifiers
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/note="Oligonucleotide"
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83.3%; Pred. No. 2.2e
vative 1; Mismatches
                                                                                                                                                                                                                                                      GI:14274684
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Pred. No. 2.2e+03;
1; Mismatches 2;
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WO0118250.
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2.2e+03;
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AX211272/c
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AX153917
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity
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Best Local (
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                           4575 CTGCCCTTTTTCCTTG 4590
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18
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Sequence 9 from Patent WO0159079,
AXX11272
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Patent: WO 0138576-A 15 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                                                                                                                                                      _g(a)4gal-t1
Patent: WO 0159079-A 9 16-AUG-2001;
Clausen, Henrik (DK)
                                                                                                                                                                                                                                                                                                                                                                                                                                              Clausen, H., Steffensen, R. and Bennett, E.P. U(p)-galactose: g(b)-d-galactose g(b)
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                                                                                                                                 Similarity
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                                                                                                      Conservative
                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
                                                                                                                                                                                                              /note="Primer"
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                                                                                                                              93.8%;
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Pred. No. 2.2e+03;
1; Mismatches 2
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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WO0138576.
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AUTHORS
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AX326940/c
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Best Local :
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                                          AX552550
Sequence 37
AX552550
synthetic synthetic
                                                                                                                                                                ch 0.2%; l Similarity 93.8%; 15; Conservative
                                                                                                                                                                                                                                                                                 Keith, T.

Novel human gene relating to respiratory inflammatory bowel disease
Patent: WO 0178894-A 136 25-OCT-2001;
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Sequence 136 from Patent
AX326940
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15; Conserv
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                            synthetic construct synthetic construct artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent: WO 0179487-A 74 25-OCT-2001;
Degitz, Klaus Karl (DE); Besch, Rob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AX284109.1
                                AX552550.1
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construct
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/mb xref="taxon:32630"
/mole="Beschreibung der kunstlichen
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                                                                                                                                                                                                             /note="Primer"
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                                GI:25896571
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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WO0179487.
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BD011174/c
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Best Local (
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3756 CTCAAGATGGTTAAAA 3771
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1 (bases 1 to 21)
Sechi,T.R., Lingner,J., Nakamura,T., Chapm:
Sechi,T.R., Lingner,J., Nakamura,T., Chapm:
Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit
Patent: JP 2001081042-A 131 27-MAR-2001;
GERON CORP,UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/131
PD 27-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AX810505
Sequence
AX810505
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Nucleic acids and proteins of the mycoplasma hyopneumoniae mhp3
gene and uses thereof
Patent: EP 1245677-A 37 02-OCT-2002;
Pfizer Products Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15;
                                                                                                                                                                                    JP 2001081042-A/131.
unidentified
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Human telomerase catalytic subunit.
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Patent: EP 1333994-A 470 06-AUG-2003;
Geron Corporation (US); University Technology
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified unclassified.
                                                                                                                                                                      unidentified
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BD011174.1 GI:18639547
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
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Pred. No. 2.2e+03
0; Mismatches
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Pred. No. 2.2e+03
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                                                                                                                                                                                                                                                       and use thereof
Patent: JP 2001149085-A 31 05-JUN-2001;
PFIZER PROD INC
OS Artificial Sequence
PN JP 2001149085-A/31
PD 05-JUN-2001
PF 29-SEP-2000 JP 2000300778
PR 29-SEP-1999 US 60/156602
PI KENDALL WAIN KING, REBECCA ANNE MADURA
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PI CALVIN B HARLEY, W.

PC A61K38/00, A61K31/',

PC C07K5/10, C07K5/1:

PC C07K5/107, C07K5/1:

PC C12Q1/02, C12Q1/48

G01N33/53,

PC G01N33/566, G01N33,

Strandedness: Single;

CC Topology: Linear;

FT Source

FT Yorganism='Unident
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                                                                                                                                                                     C12N15/
C12N1/2
PC CC
PC CC
                                                                                                  (C12N15/09,C12R1:35),(C07K14/30,C12R1:19),(C07K19/00,C12R1:19),(C12N15/00,(C12N15/00,(C12N15/00,(C12N15/00,C12R1:35),C12R1:35)
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1 (bases 1 to 21)

King, K.W., Madura, R.A. an

Nucleic acid and protein
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BD014743.1 GI:22555526
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A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61D35/00, A61D43/00,
C07K5/10,
C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC
                                                                    source
                                                                                                 Description of Artificial Sequence:Oligonucleotide
                                                                                                                                                                                                                                     29-SEP-2000 JP 2000300778
29-SEP-1999 US 66/156602
KENDALL WALN KING, REBECCA ANNE MADURA, IBURETTO LEE ROSI
5/09, A61K39/02, A61P31/04, C07K14/30, C07K16/12, C07K19/00,
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Location/Qualifiers
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                             /organism='Artificial
                                                                           Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
 /organism="synthetic construct"
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Pred. No. 2.2e+03;
0; Mismatches 1
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in of mhp3 ger
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08/915503 PI
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BD177218
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BD023582
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Best Local Similarity
Matches 15; Conserv
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                                                             synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 21)
King,K.W., Madura,R.A. and Rosey,E.L.
Nucleic acid and protein of mhp3 gene o
Patent: JP 2003306169-A 31
PFIZER PRODUCTS INC
OS Artificial Sequence
PN JP 2002306169-A/31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryoča; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 21)

Olson, P.T. and Merryweather, J.P.

Method for expressing heterogenous protein in yeast Patent: JP 2001506497-A 20 22-MAY-2001;

CHIRON CORP

OS Homo sapiens (human)
PN JP 2001506497-A/20
PD 22-MAY-2001
PF 12-DEC-1997 JP 1998526926
PR 13-DEC-1997 US 60/032720
                                                                                                                                                                                     BD177218.1 GI:30014479
JP 2002306169-A/31.
                                                                                                                                                                                                                         and utilization thereof BD177218
                                                                                                                                                                                                                                                        Nucleic acid and protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12-DEC-1997 JP 1998526926
13-DEC-1996 US 60/032720
PATRICIA TEXAMP OLSON, JAMES P MERRYWEATHER
C12N15/09,C07K14/39,C07K14/49,C07K14/65,C07K19/00,C12N1/19,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Topology: Linear;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            for expressing heterogenous
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
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/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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                                                                                 gene of Mycoplasma
                                                                                                                                                                                                                                                          gene of Mycoplasma
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hyopneumoniae

hyopneumoniae PAT 16-APR-2003

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ORGANISM
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BD196350
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                Vertebrate telomerase genes and proteins and uses thereof
Patent: JP 2002514928-A 84 21-MAY-2002;
CAMBIA BIOSYSTEMS LLC, PETER MACCALLUM CANCER INSTITUTE
OS Artificial Sequence
PN JP 2002514928-A/84
PD 21-MAY-2002
PF 01-JUL-1998 JP 1999508771
PF 01-JUL-1998 US 60/051410, 21-JUL-1997 US 60/053018 PR
21-JUL-1997 US 60/05329, 04-AUG-1997 US 60/054642 PR
21-JUL-1997 US 60/05329, 04-AUG-1997 US 60/054642 PR
21-JUL-1997 US 60/05329, 04-AUG-1997 US 60/054642 PR
21-JUL-1997 US 60/053287
PI ANDRZEJ KILLAN, DAVID BOWTELL
PC C12N15/11,
PC C12N15/11,
PC A61X31/70
CC Description of Artificial Sequence:Synthesized Amplification
CC Description of Artificial Sequence:Synthesized Amplification
CC Dased on EST Sequence GenBank Accession Number AA281296 FH
KCY BOURCE 1.21
PT SOURCE /Organism='Artificial Sequence'.
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JP 2002514928-A/84.
synthetic construct
synthetic construct
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PF 30-MAR-2001 JP 2001101364

PI KENDALL WAYNE KING, REBECCA ANN MADURA, EVERETT LEE ROSEY PC C12N15/09, A61K39/00, A61K39/39, A61K48/00, A61P31/04, A61P31/04, PC C07K14/30, PC C07K19/00, C12N1/21, C12P21/02, C12Q1/68, G01N33/53, G01N33/56, PC G01N33/566, PC G01N33/569//(C12P21/02, C12R1:19), C12N15/00

CC Description of Artificial Sequence: Oligonucleotide FH Ke
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Vertebrate telomerase genes and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 artificial sequences.
1 (bases 1 to 21)
Kilian, A. and Bowtell, D.
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                                                                                             Similarity
                      TGAGCTGTACCTTGTC 7350
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TGAGCTGTACTTTGTC 20
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llarity 93.8%;
Conservative
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Description of Artificial Sequence: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                 Description of Artificial Sequence Synthesized Amplification
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                                                                             Conservative
                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                               /organism='Artificial Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
0; Mismatches 1
                                                                                           Score 14.4; DB 1;
Pred. No. 2.2e+03;
                                                                             Mismatches
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and uses
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TITLE
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AB087734/c
LOCUS
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KEYWORDS
SOURCE
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BD217237
LOCUS
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ORGANISM
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AUTHORS
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                                                                           TITLE
                                                                                                         AUTHORS
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Best Local :
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PR 23-JUN-1998 EP 98111506.6,15-APR-1999 EP 9910
STEFANO DONADIO, MARGHERITA SOSIO, FRANCESCO GIUSINO, CAR
CAPPELLANO,
PI ANNA MARIA PUGLIA
PC C12N15/09,C12N1/21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3113 CTCATGCTTGACAGCT 3128
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C12N15/09,C12N1/21,C12P17/18,C12P19/62//(C12N15/09,C12R1:645),

PC (C12N1/21,C12R1:465),C12N15/00,C12R1:645)

C Description of Artificial Sequence: PCR primer FH Key

FT Source 1. 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BIOSEARCH ITALIA SPA
OS Artificial Sequence
PN JP 2002518045-A/13
PD 25-JUN-2002
PF 14-JUN-1999 JP 200055
PR 23-JUN-1998 EP 9811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15;
                                                                                                                                                                                                                                                                                                                                  deletion
AB087734
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Methods for transferring the capability to produce a natural
product into a suitable production host.
BD217237
Direct Submission
Submitted (05-UUL-2002) Ryoiti Kiyama, National Institute of Advanced Industrial Science and Technology, Research Center for Clycoscience; AIST Central 6, 1-1-1 Higashi, Tsukuba, Ibaraki 305-8566, Japan (E-mail:kiyama.r@aist.go.jp, Tel:81-298-61-6189)
                                                                                                                                                                                                                                                                                                                                        21 bp
Homo sapiens gene for beta-globin,
deletion at IVS 2.
ABDR7771
                                                                                                                                        Nadkarni,A., Sakaguchi,T., Takaku,H., Gorakehakar,A., Phanasgaokar,S., Colah,R., Mohanty,D. and Kiyama,R. Three novel polymorphisms found in the Indian Thalass Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         σ
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Donadio, S., Sosio, M., Giusino, F., Cappellano, C. and Puglia, A Methods for transferring the capability to produce a natural product into a suitable production host
Patent: JP 2002518045-A 13 25-JUN-2002;
                                                                                      Nadkarni, A., Sakaguchi, T., Phanasgaokar, S., Colah, R.,
                                                                                                                                                                                                                            Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                              Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    synthetic construct
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                                                                                                                                                                                                                                                                sapiens
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Location/Qualifiers
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03
0; Mismatches
                                                                                      Takaku, H., Mohanty, D.
                                                                                                                                                                                                                                                                                                                                                                     intron,
                                                                                       Gorakshakar, A., and Kiyama, R.
                                                                                                                                                          and Kiyama,R.
e Indian Thalassemia
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linear

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05-DEC-1998

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AUTHORS
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AR017782/c
LOCUS
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AUTHORS
TITLE
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ACCESSION
VERSION
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KEYWORDS
SOURCE
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A97480/c
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Matches 15
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Best Local S
Matches 15
 Query Match
Best Local Similarity
Matches 15; Conserv
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Sequence 1 :
AR017782
AR017782.1
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                                                                                                                                                              Unknown.
Unknown.
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Seguence 36 from Patent WO9916780.
A97480
                                                                                   1 (bases 1 to 22)
Brenner,S.
DNA extension and analysis with rolling
Patent: US 5780231-A 1 14-UUL-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 22)
Gala, J. and Vannuffel, P.
Gala, J. and Vannuffel, P.
GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS
DEVICES FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
PATENT: WO 9916780-A 36 08-APR-1999;
GALA JEAN LUC (BE); UNIV LOUVAIN (BE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified unclassified.
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nilarity 93.8%;
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/mol_type="unassigned DN/
/db_xref="taxon:32644"
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                                                   /organism="unknown"
/mol_type="unassign
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/mol_type="genomic DNA"
/isolate="Indian Thalassemia
/db_xref="taxon:9606"
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                                                                                                                                                                                                                            from patent US
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                                                _type="unassigned DNA"
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0; Mismatches
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AR017787/c
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AR017783/c
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Unknown.
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1 (bases 1 to 22)
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Sequence 3 from patent US
AR068033
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1 (bases 1 to 22)
Brenner, S.
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AR017787
AR017787.1 GI:3973390
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Sequence 2 from patent US
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/mol_type="unassigned
                                                                                                                                                                                                                                                                                                   Location/Qualifiers
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/mol_type="unassigned DNA"
                                                             GI:5999255
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AR077186/c
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AR077185/c
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16 CTTCCTCTTCCTCTC 1
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Sequence 2 from patent US
AR077186
AR077186.1 GI:10003932
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bFGF mutein and its production
patent: US 5851990-A 3 Z-DEC-1998;
Location/Qualifiers
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                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned
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Pred. No. 2.3e+03;
0; Mismatches 1;
                                           Score 14.4; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 1
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Pred. No. 2.3e+03;
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AR077190/c
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BD230538/c
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AR100242
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BD230538.1 GI:33040308
JP 2002530091-A/407.
Canis familiaris (dog)
Canis familiaris
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Mammalla, Eutheria, Carnivora, Fissipedia, Canidae, 1 (bases 1 to 22)
Galibert, F. and Andre, C.
Total genome radiation hybrid map of canine genome a identification of interesting genes
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AR100242
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Melki,J. and Munnich,A.
Survival motor neuron (SMN) gene: a gene
                                                                                                                                 Total genome radiation hybrid map of identification of interesting genes.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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BD231645/c

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TITLE
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Best Local S
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                                                                                                                                 Local Similarity
                                                    3760
                                                                                                                                                                                                                                                                                                                                    Total genome radiation hybrid map of canine general genome radiation hybrid map of canine general genes identification of interesting genes patent: JP 200230091-A 481 17-SEP-2002;

L Patent: JP 200230091-A 481 17-SEP-2002;

Canis familiaris (dog)

PN JP 2002530091-A/481

PD 17-SEP-2002

PF 15-NOV-1999 JP 2000582596

PR 13-NOV-1999 US 60/108193

PI FRANCIS GALIBERT, CATHERINE ANDRE PC C12N15/09, C12Q1/68, C12N15/00

CC B05751R

Location/Qualifiers

FT SOurce 1.22

FT SOurce /organism='Canis familiaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3760 AGATGGTTAAAATCCA 3775
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OS CENTRE N
OS JO
PP 15-
PR 13-
PI FRAB
PI FRAB
PI CC C12
PC C12
PC C12
PC S05
FT BOU
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Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
1 (Dases 1 to 22)
Gallbert,F. and Andre,C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Canis familiaris (dog)
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JP 20025300
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AGATGGTTAAACTCCA 1
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JP 2002530091-A/407
15-NOTE: CANIS CANIS (ACCEPTANCE CONTROL OF C
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13-NOV-1998 US 60/108193
FRANCIS GALIBERT, CATHERINE ANDRE
C12N15/09, C12Q1/68, C12N15/00
                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                           /organism='Canis familiaris (dog)'.
                                                                                                                                                                                                     /organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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Pred. No. 2.3e
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Canis.
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REFERENCE
AUTHORS
TITLE
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BD243289/c
LOCUS
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                                                                                                                artificial sequences.

1 (bases 1 to 22)

Lemann, M. and Lassen, S.F.

Improved phytases
Patent: JP 2002534976-A 9

NOVOZYMES AS
OS Artificial Sequence
PN JP 2002534976-A/9
PD 22-OCT-2002
PF 21-JAN-2199 DK PA 1999
PR 22-JAN-1999 DK PA 1999
PF 21-JAN-2000 JP 2000594911
PR 22-JAN-1999 DK PA 19990092, 21-SEP-1999 DK PA 199901340 PI
PR 12-JAN-1999 DK PA 19990092, 21-SEP-1999 DK PA 199901340 PI
PR 12-JAN-1999 DK PA 19990093, 21-SEP-1999 DK PA 199901340 PI
PR 21-JAN-2000 JP 2000594911
PR 22-JAN-1999 DK PA 199901340 PI
PR 21-JAN-2000 JP 2000594911
PR 22-JAN-1999 DK PA 199901340 PI
PR 22-JAN-1999 DK PI
PR 22-JAN-1999 DK PA 199901340 PI
PR 22-JAN-1999 DK PA 199901340 PI
PR 22-JAN-1999
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 22)
Tavtigian, S. V., Teng, D.H.F., Simard, J. and Rommens, J.M.
Chromosome 17q-linked prostate cancer susceptibility gene
Patent: JP 2002529065-A 197 10-SEP-2002;
MYRIAD GENETICS INC, THE HOSPITAL FOR SICK CHILDREN
                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
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JP 2002534976-A/9.
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JP 2002529065-A/197.
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        C12N1/21, C12N5/10, C12N9/16//(C12N9/16, C12R1:865), (C12N9/16, PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10-SEP-2002
05-NOV-1999 JP 2000581041
06-NOV-1998 US 60/107468
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JP 2002529065-A/197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.3e+03;
1; Mismatches
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RESULT 2720
E38106/c
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E05626/c
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TITLE
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Best Local Similarity
Matches 15; Conserv
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Pujishima, S. and Fukuda, T.

Patent: JP 193262798-A 4 12-OCT-1993;

TAKEDA CHEM IND LTD

OS Artificial gene

OC Artificial gene

OC Artificial gene

OC ARTIFICIAL Bequence; Genes.

PN JP 193262798-A/4

PD 12-OCT-1993

PF 24-MAR-1992 JP 1992066381

PR 26-APR-1991 JP 97655

PI 7UJISHIMA SATOSHI, FUKUDA TSUNEHIKO

PC C07K13/00, C12N1/21, C12N15/16, C12N15/

PC A61K37/02,

A61K37/02,

CC A61K37/24, A61K37/24, (C12N1/21, C12R1:

CC topology: Linear;

CC anti-sense: Yes.

CC anti-sense: Yes.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7320 GTTTGTGTCCTGCTTT 7335
                                                                                                                                                                                    481 CCTGTGTATGATGGAA 496
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                                            22 bp DNA linear PAT 18-DNA elongation and analysis with the use of rolling primer.
E38106.1 GI:13027141
JP 1999151092-A/1.
synthetic construct
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synthetic construct
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                                                                                                                                                       CCTGTGTATGAAGGAA 1
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CO7K13/00,C12N1/21,C12N15/16,C12N15/70,C12P21/02//A61K37/02,
A61K37/02,
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Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                    A61K37/24,A61K37/24,(C12N1/21,C12R1:19),(C12P21/02,C12R1:19);
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                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                          ocation/Qualifiers
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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E38107/c
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                         5704 CTTCCTTTTCCTCTTC 5719
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synthetic construct
artificial sequences.
1 (bases 1 to 22)
16
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                                                                                                                                                                                                               DNA elongation and analysis with the use of rolling primer Patent: JP 1993151092-A 2 08-JUN-1999;
LYNX THERAPEUTICS INC
OS Artificial Sequence
PN JP 1999151092-A/2
PD 08-JUN-199
DD 08-JUN-199
PF 24-AUG-1998 JP 1998237840
PR 22-AUG-1997 US 08/916.120
PR 22-AUG-1997 US 08/916.120
PI SYDNEY BRENNA
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1 (bases 1 to 22)
Sydney, B.
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LYNX THERAPEUTICS INC
OS Artificial Sequence
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                                                              Similarity
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                                                  Conservative
                                                                                                                                                                  modified base
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24-AUG-1998 JP 1998237840
22-AUG-1997 US 08/916.120
SYDNEY BRENNA
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                   Location/Qualifiers
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                                                           93.8%;
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93.8%; Pred. No. 2.3e+03
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                                                            Score 14.4; DB 1;
Pred. No. 2.3e+03;
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RESULT 2724
AX038252/c
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LOCUS
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FEATURES
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AR361572/c
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synthetic construct
artificial sequences.
1 (bases 1 to 22)
Sequence 9
AX038252
AX038252.1
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Sequence 5 1
AR361572
AR361572.1
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LYNX THE
OS Art
OS Art
PN UP
PD 08
PF 24-
PF 22-
PR SYI
PC C12
CC C12
CC C12
FH Key
                                                                                                                                                                                                                   Continuous fermentation system
Patent: US 6599735-A 5 29-JUL-2003;
Location/Qualifiers
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DNA elongation and analysis with the use Patent: JP 1999151092-A 6 08-JUN-1999;

LYNX THERAPEUTICS INC

OS Artificial Sequence
PN JP 1999151092-A/6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E38111 22 bp DNA linear DNA elongation and analysis with the use of rolling E38111 GI:13027146 TP 1999151092-A/6.
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15; Conserv
                                   AX038252
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Bartok, A., Mueh, T. and Rueckel, M.
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Location/Qualifiers
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larity 93.8%;
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22-AUG-1997 US 08/916.120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                /organism="unknown"
/mol_type="genomic |
                                                                                                                                                                                                                                                                                                                                              from
                       from Patent WO0061795
  GI:11227600
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Pred. No. 2.3e+03;
0; Mismatches 1;
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                                                                                                                                                                            RESULT 2726
AX137154/c
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AX038329
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Sequence 5 1
AX137154
AX137154.1
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Bartok,A., Much,T. and Rucckel,M. Continuous fermentation process Patent: EP 1092764-A 5 18-APR-2001; F. HOFFMANN-LA ROCHE AC (CV)
                                                                                                                                                                                                                                                                                                                   15;
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AX038329
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa;
                                                                                                                                                                                                                                                         4
                                                                                                                                                                                                                                                                                                                                                                                                                                                    De Canck,I.D., Rossau,R. and Rombout,A. Method for the amplification of hla class i alleles Patent: WO 0061795-A 86 19-OCT-2000; CANCK ILSE DE (BE) ; ROSSAU RUDI (BE) ; INNOGENETICS ROMBOUT ANNELIES (BE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                          artificial
                                                                                      synthetic construct synthetic construct
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                           GCGGGACYCCGAGACCCT
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86 from Patent WO0061795.
                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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                                                                                                                                     GI:14273480
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Pred. No. 2.3e+03;
1; Mismatches 2
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Pred. No. 2.3e+(
1; Mismatches
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AX522645
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AX427603
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Sequence
AX522645
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                                                                                       Patent: WO 02064731-A 315 22-AUG-2002;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                        Telerman,A., Amson,R., Tuijnder,M. and Susini,L.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nelson,L.M. and Tong,Z.-B.
Human gene critical to fertility
Patent: WO 0232955-A 16 25-APR-2002;
GOVERNMENT OF THE UNITED STATES (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct synthetic construct
                                                                                                                                                                                              Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db xref="taxon:35630"
/noTe="Sythetic Oligonucleotide"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
0; Mismatches 1
 Score 14.4; DB 1;
Pred. No. 2.3e+03;
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1 (bases 1 to 22)

Bachtoc,A., Mew,T. and Luckel,M.
Continuous fermentation step
Patent: JP 2001145480-A 5 29-MAY-2001;
F HOFFMANN LA ROCHE AG
OS Artificial Sequence
PN JP 2001145480-A/5
PD 29-MAY-2001
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G-protein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 426 01-AUG-2002;
Curagen Corporation (US)
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Continuous fermentation step.
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11-OCT-1999 EP 99120289,6,08-SEP-2000 EP 00119676.5 PI
A BACHTOC,TORGTEN WEW,MARCAS LUCKEL
C12M1/00,C12M1/36,C12N1/00//C12N9/16,C12N15/09,C12N15/00 CC
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                                                                    /organism='Artificial Sequence'.
                  /organism="synthetic construct"
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/db_xref="taxon:32630"
/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
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BD022370/c
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JOURNAL
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JOURNAL
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conser
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I (bases 1 to 22)

YORS Mcwatar,C.A., Fen,I., Mckyan,J.P., Somers,N.L., Sutate,N.R.,

Sutorita,P.R., Mainari,J.C., Minster,N.I. and Wolf,S.L.

E Multi-functional chimeric hematopoietic receptor agonists

Patent: JP 2001504689-A 325 10-APR-2001;

G D SEARLE AND CO
PN JP 2001504689-A/325

PD 10-APR-2001

PF 23-007
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1 (bases 1 to 22)

28 Mcwatar,C.A., Fen,I., Mckyan,J.P., Somers,N.L., Sutate,N.R., Mcwatar,C.A., Mainari,J.C., Minster,N.I. and Wolf,S.L.

29 Multi-functional chimeric hematopoietic receptor agonists

20 Fatent: JP 2001504689-A 324 10-APR-2001;

20 D SEARLE AND CO

21 PM JP 2001504689-A/324

22 PD 10-APR-2001

23 PD 10-APR-2001

24 PD 10-APR-2001

25 PF 23-OCT-1997 JP 1998519754

26 PI CHARLES A MCWATAR,IKIN FEN,JOHN P MCKYAN,NINA L SOMERS, PI

NICHOLAS R SUTATEN,

21 PHILIP R SUTORITA,JOHN C MAINARI,NANCY I MINSTER,SUSAN L WOLF

22 PC C12N15/09,A61K38/00,A61K39/00,A61K45/00,A61K48/00,A61P7/06, PC
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                                                                                                                                                                               Multi-functional chimeric h
BD022370
BD022370.1 GI:22563593
JP 2001504689-A/325.
unidentified
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PC A61P35/00,A61P37/02,C07K14/475,C07K14/52,C12P21/02,C12N15/00,
PC A61R37/02
CC Strandedness: Single;
FH Key
                                                                                                                                                                                                                                                                                                                                                                           51 CGGCGGCAACGGAGGC 66
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JP 2001504689-A/324.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                                                                        93.8%;
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Pred. No. 2.
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Pred. No. 2.3e
0; Mismatches
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No. 2.3e+03;
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2.3e+03;
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Matches 15
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                                               Query Match
Best Local Similarity
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                   4814 TGACCCGGATTTGCTA 4829
21
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PC C12N15/09, A61K38/00, A61K39/00, A61K45/00, A61K48/00, A61P7/06,
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NICHOLAS R SUTATEN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
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C A61P35/00,A61P37/02,C07K14/475,C07K14/52,C12P21/02,C12N15/00,
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                                                                                                                                            and/or quantitation method, and apparatus 
Location/Qualifiers
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                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Topology: Linear;
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                                                                                                           /organism='Unidentified'.
Location/Qualifiers
1. 22
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                                                                         /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                               93.8%;
                                                        0.2%;
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                                      <u>,</u>
                                               Score 14.4;
Pred. No. 2.
                                      Mismatches
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2.3e+03;
                                                2.3e+03
                                                         DB 1;
                                                        Length 22;
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REFERENCE
AUTHORS
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KEYWORDS
SOURCE
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DEFINITION
ACCESSION
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AUTHORS
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LOCUS
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KEYWORDS
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AR431310/c
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Matches 15
     Query Match
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Novel human SH2 protein.

BD145146.1 GI:27850904

JP 2002171977-A/2.
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PC C12P21/02,C12P21/08,G01N33/15,G01N33/50,G01N33/53//(C12N5/0).

PC C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/08,C12R1:91),C12N15/00,C12N5/0.

PC (C12N5/00,C12R1:91)

CC Description of Artificial Sequence:Artificially Synthesized CC Sequence
FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HELIX RESEARCH INSTITUTE
OS Artificial Sequence
PN JP 2002171977-A/2
PD 18-JUN-2002
PF 26-JUN-2000 JP 2000196309
PF 26-JUN-800 JP 2000196309
PI TSUKASA ODA, MASAAKI MURAMATSU, TOSHIO OTA, TAKAO ISOGAI, TET
PI NISHIKAWA,
PI NOJI HAYASHI, KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII,
TOMOYASU SUGIYAMA,
                                                                                                                                                                                      Unclassified.

1 (bases 1 to 24)

1 vaisberg,E.A., Adams,C.L., Sabry,J.H. and Database system including computer code for
                                                                                                                                                                                                                                                                                                                                                                        AR431310
Sequence 4 from patent US
AR431310
AR431310.1 GI:40193278
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Saito,K., Yamamoto,J., Ishii,S.,
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1 (bases 1 to 22)
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                                                                                                                                                  Patent: US 6651008-A 4 18-NOV-2003;
                                                                                                                                                                               bioinformatics
                                                                                                                                                                                                                                                                                                     Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AI WAKAMATSU, KEIICHI NAGAI, TETSUJI OTSUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    C12P21/02, C12P21/08, G01N33/15, G01N33/50, G01N33/53// (C12N5/10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26-JUN-2000 JP 2000196309
TSUKASA ODA,MASAAKI MURAMATSU,TOSHIO OTA,TAKAO ISOGAI,TETSUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (C12P21/02,C12R1:91), (C12P21/08,C12R1:91),C12N15/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N
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t: JP 2002171977-A
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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                                                      ē.
                                                                             organism="unknown"
                                                                                                                         Location/Qualifiers
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                                                _type="genomic DNA"
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Pred. No. 2.3e+03;
0; Mismatches 1;
     Score 14.4;
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S., Sugiyam,T., Wakamatsu,
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                                                                                                                                                                                                 id Crompton, A.M. for predictive
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A., Nagai,K.
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                                                                                                                                                                                                                                                      Sets of labeled energy transfer fluorescent in multi component analysis Patent: JP 2001599271-A 1 10-JUL-2001; INCYTE PHARWACEUTICALS INC PN JP 2001509271-A/1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sets of labeled energy transfer fluorescent primers in multi component analysis.

BD056964
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Vaisberg,E.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
Database system including computer code for predictive bioinformatics
                                                                                                                                                                                                                                                                                                                                                                 Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eurosids; eurosids II; Brassicales; Brassicaceae; Arabi
                                                                                                                                                                                                                                                                                                                                                                                                                     Arabidopsis thaliana (thale cress) Arabidopsis thaliana
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Location/Qualifiers
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AR431307
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                                                                                                                                                          Strandedness: Single;
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12-DEC-1997 JP 1998534358
15-JAN-1997 US 08/784162
                                                                                                                                            Topology: Linear;
                                           /organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/db_xref="taxon:3702"
                                                                                                           Location/Qualifiers
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0; Mismatches 6;
 Score 14.4; DB 1;
Pred. No. 2.6e+03;
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AR080211/c
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BD244864
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Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Oligonucleotide primer capable of making strand formation unstable patent: JP 2002532063-A 9 02-OCT-2002; MCGILL UNIVERSITY OS Artificial Sequence PN JP 2002532063-A/9 DD 02-OCT-2002 PD 02-OCT-2002 PF 06-OCT-1999 JP 2000574722 PF 07-OCT-1999 JP 2000574722 PF 07-OCT-1998 CD Artificial DAS PI JERRY PELLETIER, MANUULA DAS PC C12N15/09,C12Q1/68,C12N15/00 CC Description of Artificial Sequence: FH Key Location/Qualifiers FT source 1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
artificial sequences
1 (bases 1 to 25)
Pelletier, J. and Das, M.
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                                                                                                   gene expression Patent: US 5968737-A 17 19-OCT-1999;
                                                                                                                             1 (bases 1 to 26)
Ali-Osman, F., Lopez-Berestein, G., Buolamwini, J.K., Lo, H.-W., Keller, C. and Akande, O.
Method of identifying inhibitors of glutathione S-t
                                                                                                                                                                                                                                                                    AR080211
Sequence 17 from patent US
AR080211
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JP 2002532063-A/9
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                                                                                                                                                                                                Unclassified.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        JERRY PELLETIER, MANJULA DAS
C12N15/09,C12Q1/68,C12N15/00
C12N15/09,C12Q1/68,C12N15/00
Description of Artificial Sequence: synthetic oligonucleotide
Key
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                            /organism="unknown"
/mol_type="unassign
                                                                                        Location/Qualifiers
                                                                                                                                                                                                                                                         GI:10006946
                                           _type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%;
 93.8%;
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; Pred. No. 2.6e
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 Pred. No. 2.7e+03;
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Patent:
YURI ROM
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JP 2002532085-A/12.
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PI HUI WEN LO, CHARLES KELLER, OLANIKE AKANDE
PC C12N15/09, A61K31/7105, A61K31/711, A61K38/00, A61K39/395 PC
PC C12N15/09, A61K35/00,
PC A61K48/00, A61P35/00, A61P43/00, C07K16/40, C12N5/10, C12N9/00,
PC C12N9/10,
PC C12N9/10,
PC C12Q1/02, C12N15/00, C12N5/00, A61K37/02
PC C12Q1/02, C12N15/00, C12N5/00, A61K37/02
PC C12Q1/02, Linear;
PH Key Location/Qualifiers.
                                                      Romantchikov,Y.
Improved method for inserting nucleic acid Patent: JP 2002532085-A 12 02-OCT-2002;
                                                                                                                                   synthetic construct synthetic construct
                                                                                                                                                                                             Improved method for inserting BD234339
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Glutathione
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Aliosman, F., Beres
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                                                                                                      artificial sequences.
1 (bases 1 to 28)
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Helicobacteraceae; Wolinella.
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 I ROMANTCHIKOV
Artificial Sequence
JP 2002532085-A/12
02-OCT-2002
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12-NOV-1996 US 08/747536
FRANCIS ALIOSMAN,GABRIEL LOPEZ BERESTEIN,JOHN K BUOLAMWINI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Wolinella succinogenes"
/mol_type="genomic DNA"
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(GST)
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AX249447/c
                                                                                                                     SOURCE
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AX079108
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Matches 18; Conserv
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AX249447
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Sequence 6 from Patent WO0106226.
AXO79108
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                      Human single nucleotide polymorphisms
Patent: WO 0166800-A 1526 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
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                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                              Cargill, M., Ireland, J.S. and Lander, E.S.
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llarity 75.0%;
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17-DEC-1998 US 09/213834
YURI ROMANTCHIKOV
C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N15/00,C12N5/
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Location/Qualifiers
1. .31
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Location/Qualifiers
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
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/noTe="Oligonukleotid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
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Pred. No. 2.9e+03;
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Pred. No. 3e+03;
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AX838502
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AX080522/c
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Matches 18
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Sequence 2
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AX080522
                                                                                                                                    November (DE)
                                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                              Patent: WO 03076654-A 2 18-SEP-2003; November Aktiengesellschaft Gesellschaft
                                                                                                                                                                             Palecek, E. and Kosak, H. Method for identifying, quantifying and/or characterizing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Brownlee, G.G., Fodor, E.S. and Poon, L. Attenuated influenza virus useful as Patent: WO 0109291-A 10 08-FEB-2001; ISIS INNOVATION LIMITED (GB)
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larity 69.2%;
Conservative
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                                               /organism="synthetic construct"
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/note="Beschreibung der kuenstl
Willkuerliche Sequenz"
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10 from Patent WO0109291.
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                                                                                                                     Location/Qualifiers
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/db_xref="taxon:32630"
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from Patent W003076654.
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            0.2%;
Score 14.4; DB 1;
Pred. No. 3.1e+03;
0; Mismatches 11;
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Pred. No. 3.1e+03;
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Local Similarity 93.3%;
The interest of the series of 
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Ogawara, T., Suzuki, M. and Ozaki, K.
TSA7005 gene
Patent: JP 2001025389-A 3 30-JAN-2001;
OTSUKA PHARMACEUT CO LTD
OS UNKNOWN
PN JP 2001025389-A/3
PN JP 2001025389-A/3
PN JP 201025389-A/3

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E52143
E52143.1 GI:18629626
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JP 2001078772-A/3.
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C12N15/09,C07K14/47,C12N1/15,C12N1/19,C12N1/21,
5/10//A61K31/00,
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.
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detecting
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A39863/c
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Best Local Similarity
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                                                                                                                                                                          Sequence 1 :
AR028436
                                                      Unclassified.

1 (bases 1 to 19)
Price, K. and Teigland, C.M.
Method for detecting prostate cells
Patent: US 5858673-A 1 12-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19 bp
Sequence 13 from Patent W09419463.
A33863
                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 19)
Crosier, P.S. and Crosier, K.E.
DEVELOPMENTAL TYROSINE KINASES AND THEIR
Patent: WO 9419463-A 13 01-SEP-1994;
                                                                                                                              Unknown
                                                                                                                                                                                                                                                                                                                                                                                                  Other publication AU 6117294 940914.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unidentified
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                                                                                                                                         Unknown
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                                                                                                                                                                                                                                                                                                                                                   /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
                                  organism="unknown"
                     'mol_type="unassigned
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Pred. No. 2.1e+03;
D; Mismatches
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Pred. No. 1.
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106356/c
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AR110287/c
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Best Local S
Matches 16
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Sequence
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                                    Sequence
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                                                                                                                                                          l Similarity
16; Conserv
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Mulvihill, E.R., Nexo, B.A., Yoshitake, S.,
Hashimoto, A. and Yuzuriha, T.
Mutant t-PA with kringle replacement
Mutant t-BP 0293934-Al 17 07-DEC-1988;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 19)
North, M., Nishina, P., Naggert, J. and Noben-Trauth, K.
Gene family associated with neurosensory defects
Patent: US 6114502-A 39 05-SEP-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                               Sequence 17 from Patent 106356
                                                                                                                                                                                                                                                                                                                    Unknown
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Similarity 84.2%;
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/mol_type="unassigned DNA"
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Pred. No. 2.1e+03;
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AR235522/c
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AR292381
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North, M., Nishina, P. and Naggert, J.
Genes associated with retinal dystrophies
Patent: US 5686598-A 5 11-NOV-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown
                                                                                                           (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 4116 25-MAR-2003;
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Fresco, J.R. and Johnson, M.D.
Triplex in-situ hybridization
Patent: US 6461810-A 21 08-OCT-2002;
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/mol_type="genomic"
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/mol_type="unassign
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/mol_type="genomic |
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AR296121
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                                                                   Sequence 11738 from patent US
AR300003
                                                                                                                                                                                                                                                                                                  1 (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 7856 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 19)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6486 25-MAR-2003;
                      Unknown
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Sequence 6486 from patent
AR294751
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Best Local Similarity 84.2%;
Matches 16; Conservative
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AX076818
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                                                                 Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of Patent: WO 0129262-A 1217 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                    synthetic construct synthetic construct
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Sequence 1217 from Patent
AX116094
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/mol_type="genomic DNA"
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note="Primer"
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Query Match

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Length 19;

Euteleostomi; Homo.

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16; Conserv
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Sequence 255 from Patent
AX129037
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Ribozyme therapy for the treatment of proliferative
                                                                                                                                                                                                                                                                                                                                                  AX130587.1 GI:14136892
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Ribozyme therapy for the treatment of proliferative skin and
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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               CACTGTTTGGAGGTGGTTT
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                                                                                                                                  /mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                     /note="Cyclin C ribozyme binding
                                                                                                                                                                                    Location/Qualifiers
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                                                                                                                                                           organism="Homo sapiens"
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                                                                 Score 14.2; DB 1;
Pred. No. 2.1e+03;
0; Mismatches 3;
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AX130919/c
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AX130686/c
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AX130920/c
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AX130920
Sequence 21:
AX130920
AX130920.1
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Ribozyme therapy for the treatment of proliferative skin and
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Sequence 1904 from Patent
AX130686
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Ribozyme therapy for the treatment of proliferative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                            Conservative
                          2138 from Patent
                                                                                                                                                                                                              /organism="Homo sapiens"
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/mb xref="teaxon:9606"
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/mal_type="unassigned DNA"
/mb.ryte="taxon:9606"
/mb.ryte="Cyclin D2 ribozyme binding site"
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 GI:14137225
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Pred. No. 2.1e+03;
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eye

Euteleostomi;

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AX132292/c
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AX131250/c
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Best Local S
Matches 16
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Sequence 2468 from Patent
AX131250
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 Robbins, J.M. and Tritz, R.
                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                          Homo sapiens (human)
                                                                                                          AX132292.1 GI:14138597
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larity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/mol_type="taxon:9606"
/db xref="taxon:9606"
/noEe="Cyclin F ribozyme binding site"
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/mol_type="unassigned DNA"
/mbl type="unassigned DNA"
/mbe="Cyclin E ribozyme binding site"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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AX132303/c
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AX132636
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Best Local Similarity 84.2%;
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Sequence 3521 from Patent
AX132303
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                                       Patent: WO 0130362-A 3854 03-MAY-2001; IMMUSOL, INC. (US)
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                                                                                  Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of
                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 84.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding site"
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/mol type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding
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/organism="Homo sapiens"
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Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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AX250631
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Matches 16
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Best Local Similarity 84.2%;
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Sequence 19 from Patent EP1061129,
AXI39721
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Sequence 27 from Patent
AX250631
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Patent: WO 0168921-A 27 20-SEP-2001;
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/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding
                                                                                           organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                /note="PCR Primer"
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Sequence 15 from Patent WO0185786.
AX301777
                                                                                                                                                                                                               Cohen,D., Blumenfeld,M., Chumakov,I., Abderrahim,H. and Bihain,B. Obesity associated biallelic marker maps
Patent: WO 0206525-A 238 24-JAN-2002;
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Sequence 238 from Patent W00206525
AX378449
                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 TACAAAGGAATGGAGATCA 19
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                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                                                                                                                                                                                                                                                                              Homo sapiens (human)
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Similarity 84.2%;
16; Conservative
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                                                                                                       /note="upstream amplification primer 99-27056
                                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
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1. .19
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/mod_base=OTHER
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/db_xref="taxon:32630"
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                                                                 Score 14.2; DB 1;
Pred. No. 2.1e+03;
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Pred. No. 2.1e+03;
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RESULT 2773 AX378760

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synthetic construct
synthetic construct
artificial sequences.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Cohen,D., Blumenfeld,M., Chumakov,I., Abo
Obesity associated biallelic marker maps
Patent: WO 0206525-A 549 24-UAN-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
1. .19
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                 /note="GPCR37 PCR Primer Sequence"
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Pred. No. 2.1e+03;
0; Mismatches 3
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Pred. No. 2.1e+03
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TITLE
JOURNAL
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)
Cohen, D., Blumenfeld, M., Chumakov, I. and Bougueleret, L.
Prostatic cancer gene
Patent: JP 2002516657-A 34 11-JUN-2002;
GENSET
OS Homo sapiens (human)
PN JP 2002516657-A/34
PD 11-JUN-2002
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Sequence
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                                                                                                                                         Homo sapiens (human)
                                                                                                                                                                     BD196445.1 GI:33006215 JP 2002516657-A/34.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent: WO 0240654-A 20 23-MAY-2002;
Bristol-Myers Squibb Company (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chen,J., Feder,J.N., Nelson,T., Seiler,S., Bassolino,D.A., Cheney,D.L. and Duclos,F. Polynucleotide encoding a novel human serpin secreted from cells LSI-01
                                                                                                                                                                                                  Prostatic cancer gene
BD196445
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COHEN, MARTA BLUMENFELD, ILYA CHUMAKOV, LYDIE BOUGUELERET PC
C12N15/09, C12N15/09, A01X67/027,C07X14/47,C07X16/18,C12N1/15, PC
C12N1/19, C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC
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CC upstream amn1iff---
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PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COMEN,MARTA BLUMEMPELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC
C12N15/00,C12N5/00,
PC C12N15/00,C12N15/00
CC UDSTPCOM amplification primer 99-221-PU
FH Key
Location/Qualifiers
FT primer_bind 11.19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: JP 2002516657-A 354 11-JUN-2002;

GENSET

OS Homo sapiens (human)

PN JP 2002516657-A/354

PD 11-JUN-2002

PF 22-DEC-1998 JP 2000525562

PR 22-DEC-1997 US 08/996306,09-SEP-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD196765.1 GI:33006535
JP 2002516657-A/354.
Homo sapiens (human)
Homo sapiens
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1 (bases 1 to 19)
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                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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location/Qualifiers
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Pred. No. 2.1e
0; Mismatches
                                                                    19
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Pred. No. 2.1e+03;
                                                                                                                                           Mismatches
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2.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                               19
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Watanabe, N., I
Morohashi, A.,
and Soeda, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr).
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Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
plants from INRA (Versailles). The DNA fragment of the insertion. T-DNA
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Synthetic
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AJ595406.1 GI:37945030
left border, T-DNA flanking
Arabidopsis thaliana (thale
Arabidopsis thaliana
                   Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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AB069408.1
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Balzergue, S.
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/mol type="genomic DNA"
/cultivar="Wassillewskija"
/db xref="taxon:3702"
/clone="416D08"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="T-DNA flanking sequence
left border"
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Pred. No. 2.1e+03;
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                       Horii, A.
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AR371268
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Buchardt,O., Egholm,M., Nielsen,P.E.
Peptide nucleic acids
Patent: US 6395474-A 4 28-MAY-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Submitted (04-AUG-2001) Akira Horii, Tohoku University Sch
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, S
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A BAC-based STS-conchromosome 1p35-p36
Genomics 74 (1), 55
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; 1 (Dases 1 to 20)
Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.
                                                                                                                    20
Dog (Clone: CXX.449) primer f
1,24333
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                                                      Canis familiaris (dog)
Canis familiaris
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                                                                                           L24333.1 GI:402042
PCR_identification; PCR
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                                                                                                                                                                                                                                                                                      Similarity
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sts-stSG10311 obtained from clones B223H7, B285H13, Human
BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="genomic"
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1124 Columbia, Mailstop M318
Seattle, WA 98104, USA
                                                                                                                                                                                                                                                                                                                                                                Other publication AU 6432094 941024
Other publication FR 2703053 940930.
Location/Qualifiers
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Vasseur, M., Blumenfeld, M., Meguenni, S. and Poddevin, B.
STAPLE AND SEMI-STAPLE OLIGONUCLECTIDES, METHOD OF PREPARATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENSET (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent: WO 9423026-A 2 13-OCT-1994;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_wref="taxon:9615"
/tissue_type="spleen"
/dev_stage="adult"
/tissue_lib="E. Ostrander, in pBluescript+"
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Sequence 38 from Patent WO9629091.
A56980
A56980.1 GI:3712963
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Sequence 37 from Patent W09616175.
A51168
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Antisense oligonucleotides against HSV-1 and their preparation Patent: ED 0666317-A 22 09-AUG-1995,
HOECHST AG (DE)
Other publication US 5563050 961008
Other publication UP 7303487 951121
Other publication CA 2132265 950318
Other publication CA 2132265 950323.
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Viruses; dsDNA viruses,
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1 (bases 1 to 20)
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ASS FRANCAISE CONTRE LES MYOPA (FR)
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Beckmann, J. and Richard, I.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol type="unassigned DNA"
/db_xref="taxon:10298"
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TREATMENT OF PAPILLOMAVIRUS-ASSOCIATED LESIONS USING INTERLEUKIN-12
Patent: WO 9629091-A 38 26-SEP-1996;
UNIV CAMBRIDGE TECH (GB)
Other publication AU 5151596 961008.
Location/Qualifiers
                                                                unidentified
unclassified.
1 (bases 1 to 20)
Beckmann, J. and Richard, I.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Soumillion, A.E. and Te, P.M.
THE PIG MYOGENIN GENE AND METHOD TO IDENTIFY POLYMORPHISMS RELATED TO MUSCLE GROWTH
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                          Patent: EP 0717110-A 37 19-JUN-1996;
ASS FRANCAISE CONTRE LES MYOPA (FR)
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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A88305/c
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Matches 16; Conserv
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method Patent: EP 0856579-A 453 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 20)
Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 453 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 453 from Patent
A88305
A88305.1 GI:6736875
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                                                  Conservative
                                                                                                  /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                            84.28;
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Pred. No. 2.2e+03;
0; Mismatches 3;
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                                                 Score 14.2; D
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2.2e+03;
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A95627
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Best Local Similarity 84.2%;
Matches 16; Conservative
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A95627
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Unknown.
Unclassified.
1 (bases 1 to 20)
Irvine, B.D., Kolberg, J.A.,
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Safford,R. and Jobling,S.A.
IMPROVEMENTS IN OR RELATING TO STARCH CONTENT OF PATENT: WO 9820145-A 27 14-MAY-1998;
SAFFORD RICHARD (GB); JOBLING STEPHEN ALAN (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 bp
Sequence 27 from Patent WO9820145.
A92161
A92161.1 GI:6740957
                                                                                               Sequence 55 from patent US AR000107
                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 20)
Herrmann, B. and Kispert, A.
NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                 Patent: WO 9925815-A 29 27-MAY-1999;
HERRMANN BERNHARD (DE); MAX PLANCK GESELLSCHAFT
                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified
unidentified
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29 from Patent WO9925815.
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                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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Pred. No. 2.2e+03
0; Mismatches
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Pred. No. 2.2e+03;
0; Mismatches 3
  Running, J.A.
                                                                                                             5736316.
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     and Urdea, M.S
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Sequence 35
AR016147
AR016147.1
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Sequence 21
AR011711
AR011711.1
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Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hypert
Patent: US 5763168-A 21 09-JUN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        l Similarity
16; Conserv
N
                                                                                                                    Pirst,M.Kent., Agoulnik, A.I. and Muallem, A.
Male infertility y-deletion detection battery
Patent: US 5776682-A 35 07-JUL-1998;
Location/Qualifiers
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                                                                                                                                                                                        Unknown
                                                                                                                                                                             Unclassified
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                   TTTGCACTTTCAAACATGA 3800
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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/mol_type="unassigned
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Pred. No. 2.2e+03;
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1 (bases 1 to 20)

Koziel,M.G., Desai,N.M., Lewis,K.S., Warren,G.W., Evole
Crossland,L.D., Wright,M.S., Merlin,E.J., Launis,K.L.,
Dawson,J.L., Dunder,E.M., Pace,G.M. and Suttie,J.L.
                                                                                                                                                                                                                                     16;
                                                                                                                                                                                                                                                                                                        sequencing
Patent: US 5795976-A 22 18-AUG-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 20)
Oefner, P. Josef. and Underhill, P. Anton.
Detection of nucleic acid heteroduplex
high-performance liquid chromatography
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First, M. Kent. and Agoulnik, A.I.
Male infertility Y-deletion detection battery
Patent: US 5783390-A 35 21-JUL-1998;
Location/Qualifiers
                                                             Unknown.
                                                                                                        AR029547
Sequence 57 from
AR029547
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Sequence 22 from
AR024481
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Sequence 35 from patent
AR019145
                                                Unclassified
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Similarity 84.2%;
16; Conservative
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/mol_type="unassigned
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/mol_type="unassigned
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                                                                                              GI:5941520
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Pred. No. 2.2e+03;
0; Mismatches 3
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               Bowman, C.
                         ,S.V.,
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AR036430/c
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AR036158
AR036158.1
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Sequence 22 from patent
AR036430
AR036430.1 GI:5953098
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Location/Qualifiers
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Teebor, G.W. and Hilbert, T.P.
Mammalian endonuclease III,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Synthetic DNA sequence having enhanced activity Patent: US 5859336-A 57 12-JAN-1999;
                                                                                                                      Patent: US 5872214-A 22 16-FEB-1999;
Location/Qualifiers
                                                                                                                                                   1 (bases 1 to 20)
Seizinger, B.R., Kley, N.A. and Bianchi, A.B.
                                                                                                                                            NF2 isoforms
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/mol_type="unassigned DNA"
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Pred. No. 2.2e
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Pred. No. 2.2e+03;
0; Mismatches 3;
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Pred. No. 2.2e+03;
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AR059095/c
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AR052628
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Bource
Mulder,C.
Oligonucleotides with anti-Epstein-Barr
Patent: US 5837854-A 13 17-NOV-1998;
Patent Location/Qualifiers
1. .20
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Blanchard, C., Benicourt, C. and Junien, J.-L.
Nucleic acids encoding dog gastric lipase as
production of polypeptides
Patent: US 5807726-A 21 15-SEP-1998;
Location/Qualifiers
                                                                                                                                                        Sequence 13 from patent US AR059095
                                                                                                                                                                                                                                                                                                                                                                                                       Regulation of bcl-2 gene expression Patent: US 5831066-A 28 03-NOV-1998;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
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RESULT 2806
AR073959/c
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AR071538/c
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Dodge,D.E. and White,T.J.
Method for diagnosis of lyme disease
Method for S912117-A 5 15-JUN-1999;
Location/Qualifiers
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AR071538
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AR064930
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Urdea, M.S., Horn, T., Chang, C.-A., Wa.
Nucleic acid hybridization assays em
branched polynucleotides
Patent: US 5849481-A 55 15-DEC-1998;
Location/Qualifiers
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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Pred. No. 2.2e
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Monia,B.P. and Boggs,R.T.
Antisense oligonuclectide modulation
Patent: US 5952229-A 28 14-SEP-1999;
Location/Qualifiers
                                                              1 (bases 1 to 20)
Bennett, C. Frank., Lipton, A. and Witters, L.M.
Antisense oligonucleotide modulation of human HER-2
Patent: US 5968748-A 2 19-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                          16;
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Triple-helix forming oligonucleotides
Patent: US 5962426-A 2 05-OCT-1999;
Location/Qualifiers
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Unclassified.
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/mol_type="unassigned
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/mol_type="unassigned
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Pred. No. 2.2e+03;
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Myers, A.M. and James, M.G.

Dull1 coding for a novel starch synthase and Patent: US 5981728-A 8 09-MOV-1999;

Location/Qualifiers
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Marks, J.D. and Schier, R.
Marks, J.D. and Schier, R.
High affinity human antibodies to tumor antigens
Patent: US 5977322-A 127 02-NOV-1999;
Location/Qualifiers
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AR085487
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AR083897
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Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hypert
Patent: US 5998145-A 21 07-DEC-1999;
                                                                                                                                                                                                                                  Sequence 21 from patent US AR092311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 20)
Ecker, D.J., Buchardt, O., Egholm, M., Nielsen, P.E.,
Mollegaard, N.E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 31 from patent AR087161
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Ecker, D.J., Buchardt, O., Egholm, M., Nielsen, P.E.,
Mollegaard, N.E.
                                                                                                                                                                              Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Peptide nucleic acids complexes of two and one nucleic acid strand
Patent: US 5986053-A 31 16-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                              Unknown.
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                                                /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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/mol_type="unassigned
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Score 14.2; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 3
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Pred. No. 2.2e+03,
0; Mismatches
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Pred. No. 2.2e+03;
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RESULT 2816
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AR092643/c
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AR093037/c
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Best Local Similarity
Matches 16; Conserv
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Unknown.
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AR092643
                              Sequence 147 from patent AR097209 AR097209.1 GI:12805939
                                                                                                                                                                                                                                                                      1 (bases 1 to 20)
Wright, J.A. and Young, A.H.
Antitumor antisense sequences directed against ribonucleotide
reductase
                                                                                                                                                                                                                                                                                                                                                            AR093037
Sequence 132 from patent
AR093037
AR093037.1 GI:10019789
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Blanchard, C., Benicourt, C. and Junien, J.-L.
Polypeptide derivatives of dog gastric lipa-
compositions containing same
Patent: US 5998189-A 21 07-DEC-1999;
                                                                                                                                                                                                                                                           Patent:
                                                                                                                                                                                                                                                                                                                                      Unknown.
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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REFERENCE
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KEYWORDS
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AR100185/c
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AR098500/c
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Sequence 57
AR098500
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Cha,T.-A., Beall,E., Irvine,B., Kolberg,J. and Urdea,M.S.
HCV genomic sequences for diagnostics and therapeutics
Patent: US 6071693-A 147 06-JUN-2000;
Location/Qualifiers
                                                                                      1 (bases 1 to 20)

Kofod,L.Venke., Kauppinen,M.Sakari., Christgau,S.,
Heldt-Hansen,H.Petter., Dalb.o slashed.ge,H., Andersen,L.Nonboe.,
Si,J.Qi., Jacobsen,T.Sejersgangrd., Munk,N. and Mullertz,A.
Enzymes with xylanase activity from Aspergillus aculeatus
Patent: US 6080567-A 35 27-JUN-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (bases 1 to 20)

Koziel, M.G., Desai, N.M., Lewis, K.S., Warre
Wright, M.S., Launis, K.L., Rothstein, S.J.,
Dunder, E.M., Pace, G.M. and Suttie, J.L.
Synthetic DNA sequence having enhanced ins
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Sequence 35 from patent US
AR100185
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Similarity 84.2%;
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                                      /organism="unknown"
/mol_type="unassigned
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Pred. No. 2.2e+03;
0; Mismatches 3;
  Score 14.2; DB 1;
Pred. No. 2.2e+03;
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S.J., Bowman,C.
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RESULT 2821
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                                                                                                                                                                                                                            l (bases 1 to 20)
Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Antisense oligonucleotide modulation of tumor necrosis factor.-alpha. (TMF.-alpha.) expression
Patent: US 6080580-A 130 27-JUN-2000;
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(bases 1 to 20)

Baker, B. F., Bennett, C. Frank., Butler, M.M. and Shanahan, Antisense oligonucleotide modulation of tumor necrosis factor-alpha. (TNF-alpha.) expression

Patent: US 6080580-A 68 27-JUN-2000;
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 Unknown
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Pred. No. 2.2e+03;
0; Mismatches 3
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Pred. No. 2.2e+03
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AR107633/c
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AR107632
                                                                              Antisense inhibition of G-alpha-S1 expression Patent: US 6110664-A 73 29-AUG-2000; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                      1 Similarity
16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unclassified.

1 (bases 1 to 20)
Cowsert, L.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 20)
Love, W.Guy., Nicklin, P.Leslie., Hamilto
Phillips, J.Ann.
Liposomal oligonucleotide compositions
Patent: US 6096720-A 14 01-AUG-2000;
                                                                                                                   1 (bases 1 to 20)
Cowsert, L.M.
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/mol_type="unassigned DNA"
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                                             'mol_type="unassigned
                                                           organism="unknown"
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Pred. No. 2.2e
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RESULT 2826
AR119264/c
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AR118964
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AR119264
AR119264.1
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Sequence
AR118909
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AR118964
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                                                                                                                                                                                                                                                                                    1 (bases 1 to 20)
Uchida, K., Uchida, T., Tanaka, Y., Matsuda, Y.
Antisense nucleic acid compound targeted to
Patent: US 6150092-A 90 21-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 20)
Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y.
Antisense nucleic acid compound targeted to
Patent: US 6150092-A 35 21-NOV-2000;
Location/Qualifiers
1 (bases 1 to 20)
Splawski,I. and Keating,M.T.
Homozygous mutation in KVLQT1 which causes Jervell and Lange
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                                 Unknown.
Unclassified.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR119528
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AR122445
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Patent: US 6150104-A 27 21-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Lalouel,J.-M. and Jeunemaitre,X.
Method to determine predisposition to
Patent: US 6153386-A 21 28-NOV-2000;
                                                                                                                   Method to determine predisposition to Patent: US 6165727-A 21 26-DEC-2000; Location/Qualifiers
                                                                                                                                                     1 (bases 1 to 20)
Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
                                                                                                                                                                                                  Unknown
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                                                                                     /mol_type="unassigned
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Bennett, C. Frank. and Cowsert, L.M.
Antisense modulation of integrin-linked
Patent: US 6177273-A 15 23 JAN-2001;
Location/Qualifiers
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Dean, N.M. and Cowsert, L.M.
Antisense modulation of daxx expression
Patent: US 6180353-A 167 30-JAN-2001;
Location/Qualifiers
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AR126738
AR126738.1 GI:14113331
                           1 (bases 1 to 20)

MCKay,R., Butler,M.M., Wyatt,J. and Cowsert,L.M.

Antisense modulation of pepck-cytosolic expressi

Patent: US 6187545-A 98 13-FEB-2001;
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Sequence 98 from patent
AR129694
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Popoff, I., Brown-Driver, V.L. and Cowsert, L.

Antisense inhibition of e2f transcription f

Patent: US 6187587-A 63 13-FEB-2001;
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Patent: US 6190861-A 68 20-FEB-2001;
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/mol_type="unassigned
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AR137875/c
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AR137875.1 (
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Unknown.
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1 (bases 1 to 20)
Richardson,M.Ann.
Phenylalanine hydroxylase gene variants, and amino acid and pterin homeostasis, in the definition, detection, treatment and prevention of psychotic, mood and personality disorders
Patent: US 6200758-A 6 13-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 20)
Kofod, L. Venke., Kauppinen, M. Sakari., Christgau, S.,
Heldt-Hansen, H. Peter., Dalb. o slashed.ge, H., Andersen, L. Nonboe.,
Si, J. Qi., Jacobsen, T. Sejersgangrd., Munk, N. and Mullertz, A.
Enzymes with xylanase activity from Aspergillus aculeatus
Patent: US 6197564-A 35 06-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 20)
Cha, T.-A., Beall, E., Irvine, B., Kolberg, J.
HCV genomic sequences for diagnostics and
Patent: US 6190864-A 147 20-FEB-2001;
                                                                                                                                                                                                      Sequence 6 from patent US AR138817
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Pred. No. 2.2e+03;
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16; Conservative
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AR145967
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Patent: US 6218150-A 31 17-APR-2001;
Location/Qualifiers
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Uemori,T., Sato,Y., Fujita,T., Miyake,K.,
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Gengenbach, B.G., S
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/mol_type="unassion
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2 (bases 1 to 20)

1 (bases 1 to 20)

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1 (bases 1 to 20)

Tsuji,A., Hirano,M., Koshimoto,H. and Nucleic acid detection in cytoplasm Patent: US 6228592-A 7 08-MAY-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                              Unknown.
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                                           /mol_type="unassigned DNA"
                                                                       organism="unknown"
                                                                                                                     Location/Qualifiers
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/mol_type="unassigned
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AR150054
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; Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shr
; Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shr
; Antisense olligonucleotide modulation of tumor ner
factor-(.alpha.) (TNF-.alpha.) expression
L Patent: US 6228642-A 130 08-MAY-2001;
Location/Qualifiers
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       Sequence 29'
AR150221
AR150221.1
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                                                                                                     1 (bases 1 to 20)
Baker, B.F., Bennett, C.Frank., Butler, M.M. and Antisense oligonucleotide modulation of tumor factor (.alpha.) (TNF-.alpha.) expression Patent: US 6228642-A 68 08-MAY-2001;
Location/Qualifiers
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AR149992
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16; Conserv
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Baker, B.F., Bennett, C.Frank., Butler, M.M.
Antisense oligonucleotide modulation of tu
factor (.alpha.) (TNF-.alpha.) expression
Patent: US 6228642-A 297 08-MAY-2001;
  l Similarity 84.;
16; Conservative
                                                                                   Antisense modulation of zinc finger protein-217 expression Patent: US 6242590-A 59 05-JUN-2001;
Location/Qualifiers
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Kolberg, J.A. and Urdea, M.S.
HTLV-1 probes for use in solution phase
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Sequence 55 from patent US
AR152569
                                                                                                                       1 (bases 1 to 20)
Cowsert, L.M.
                                                                                                                                                                                                                                  AR157142
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Location/Qualifiers
                                                                                                                                                Unclassified.
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
0; Mismatches 3;
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C.,
Kincaid, R.H.
Unknown
                                                              AR159115
                                                                                                                                                                                                                                             Method for evaluating oligonucleotide Patent: US 6251588-A 670 26-JUN-2001;
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Shannor, W. Wolber, P.K., Delenstarr, G.C., Webb, P.G. and
                                                                                                                                                                                                                                                                                                             Unknown
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Similarity 84.2%;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR159151
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Best Local Similarity
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Matches 16; Conservative
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. and
Kincaid, R.H.
                                                                                                             1 (bases 1 to 20)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G.
Kincaid, R.H.
                                                                                                                                                                                                         AR159152
Sequence 774 from
AR159152
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Patent: US 6251588-A 773 26-JUN-2001;
Location/Qualifiers
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Sequence 773 from patent
AR159151
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/mol_type="unassigned DNA"
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AR163856
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Best Local Similarity 84.2%;
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Unclassified.
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1 (bases 1 Monia, B.P.,
                                Unknown
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Monia,B.P., Butler,M.M. and Wyatt,J.
Antisense inhibition of C/EBP beta expression
Patent: US 6271030-A 54 07-AUG-2001;
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 54 from AR163856
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Patent: US 6251597-A 4 26-JUN-2001;
Location/Qualifiers
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Butler, M.M. and Wyatt, J.
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AR165037
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Sequence 29
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I (bases 1 to 20)

Reating, M.T., Sanguinetti, M.C. and Splawski, I.

Mutations in the KCNE1 gene encoding human mink which cause arrhythmia susceptibility thereby establishing KCNE1 as an I Patent: US 6274332-A 29 14-AUG-2001;

Location/Qualifiers
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N
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Patent: US 6274352-A 6 14-AUG-2001;
Location/Qualifiers
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Schofield, P.Robert., Mitchell, P.Bowden.
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                                                                                                                                                        Methods for diagnosing and assessing
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                                                                                                                                                                                                                                    16;
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                                                                Unknown.
Unknown.
                                                                                                             AR173892
Sequence
AR173892
1 (bases 1 to 20)
Weber, M.J., Wyatt, J. and Cowsert, L.M.
Antisense modulation of MP-1 expression
Patent: US 6306606-A 90 23-OCT-2001;
Location/Qualifiers
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AR172056
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Sequence 2 from patent US
AR173053
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Cha.T.-A., Beall, E., Irvine, B., Kolberg, J.
HCV genomic sequences for diagnostics and patent: US 6297370-A 147 02-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                Patent: US 6303376-A 2 16-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                         oligonucleotides
                                                                                                                                                                                                                                                                                                                                                  Methods of targeted mutagenesis using
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                                                        Unclassified.
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Similarity 84.2%;
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/mol_type="unassion
                                                                                                                                                                                                                                                                                 /mol_type="unassigned DNA"
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                                                                                                    GI:17914212
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                                                                                                                        patent US
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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AR177239
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ORGANISM
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ISIS PHARMACUTICALS INC

OS Artificial Sequence
PN JP 2002526125-A/68
PD 20-AUG-2002
PF 05-OCT-1998 US 09/165186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHANAHAN JR
PC C12N15/09, A61X31/7115, A61X31/712, A61X31/7125, A61X48/00, A61P1/PC 00, A61P1/16, A61P3/10, A61P17/00, A61P17/04, A61P29/00, A61P3/109, PC
CC77H21/02,
PC C07H21/04, C12N15/00
CC Synthetic Location/Qualifiers
                                                                                                                                                                                synthetic construct

M synthetic construct

Artificial sequences

1 (bases 1 to 20)

1 (bases 1 to 20)

Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.

Antisense oligonucleotide regulation of expression of necrosis factor-alpha (TNF-alpha)

Patent: JP 2002526125-A 68 20-AUG-2002;

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PN JP 2002526125-A/68
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Shyjan, A.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4 from patent US
AR177239
                                                                                                                                                                                                                                                                                                                                                         BD227865.1 GI:33037635
JP 2002526125-A/68.
                                                                                                                                                                                                                                                                                                                                                                                                    Antisense oligonucleotide regulation necrosis factor-alpha (TNF-alpha).
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                                                              A61P1/18, A61P3/10, A61P17/00, A61P17/04, A61P29/00, A61P31/00, PC
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
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Pred. No. 2.
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regulation of expression of tumor
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RESULT 2863
BD228094/c
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VERSION
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BD227927
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Best Local Similarity
Matches 16; Conserv
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1 (bases 1 to 20)

Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S. Antisense Oligonucleotide regulation of expression necrosis factor-alpha (TNF-alpha) Patent: JP 2002526125-A 130 20-AUG-2002; ISIS PHARMACEUTICALS INC
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necrosis factor-alpha (TNF-alpha)
BD228094
BD228094.1 GI:33037864
JP 2002526125-A/297.
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PR 05-OCT-1998 US 09/166186,18-WAY-1999 US 09/313932 PI
BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
SHANAHAN JR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Antisense oligonucleotide regulation of necrosis factor-alpha (TNF-alpha).
                                                           Antisense oligonucleotide regulation of expression of tumor
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
0; Mismatches 3
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Pred. No. 2.2e+03;
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Antisense Oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha)
Patent: JP 2002526125-A 297 20-AUG-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526125-A/297
PD 20-AUG-2002
PR 05-OCT-1999 US 09/166186, 18-MAY-1999 US 09/313932 PI
PR 05-OCT-1999 US 09/166186, 18-MAY-1999 US 09/313932 PI
PR 05-OCT-1998 US 09/166186, 18-MAY-1999 US 09/313932 PI
PR
                                                                                              Patent: JP 2002530091-A 68 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/68
17-SEP-2002
PP 15-NOV-1999 JP 2000582596
PP 15-NOV-1998 US 60/108193
PI 8-NOV-1998 US 60/108193
PI FRANCIS GALIBERT, CATHERINE ANDRE
PC C12N15/09, C12Q1/68, C12N15/00
CC Ren15L21
Location/Qualifiers
FT source 1..20
PT source /organism='Canis familiari
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total genome radiation hybrid map of canine identification of interesting genes.
                                                                                                                                                                                                                                                                                                                                                                                      Total genome radiation hybrid map of canine identification of interesting genes Patent: JP 2002530091-A 68 17-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Canis familiaris
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1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Canis familiaris (dog)
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                                                                   /organism='Canis familiaris (dog)'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="Canis familiaris"
/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
0; Mismatches 3
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BD240978
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    1 (bases 1 to Stuerzi, M. and
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                                                                                                   unidentified
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                                                                        BD240978 20 bp DNA linear PAT 17-JUL-Guanylate binding protein (GBP-1) as inhibitor of cell proliferation and molecular marker for the determination of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 CAACAGCAGCAGCAAAAGT 2
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stage of cellular differentiation.
BD240978
BD240978.1 GI:33050748
JP 2002523104-A/2.
                                                                                                                                                                                                        2 AGAGATGAGCAGCACCAGC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1. (bases 1 to 20)
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21-OCT-1998 US 60/105064
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                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                         /organism='Homo sapiens (human)'
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                                                                                                                                                                                                                                                                                               0.2%;
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Pred. No. 2.2e+03
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Pred. No. 2.2e+03
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20) Cornali,E.

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Best Local S
Matches 16
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Patent: JP 2002523104-A 2 30-JUL-2002;

BAVARTAN NORDIC RESEARCH INSTITUTE AS

OS Oligonuclectide
PN JP 2002523104-A/2

PD 30-JUL-2002

PF 23-AUG-1999 JP 2000567723

PF 26-AUG-1999 DF 2000567723

PF 26-AUG-1999 DF 2000567723

PF 26-AUG-1999 DF 2000567723

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PF 26-AUG-1999 JP 2000567723

PF 26-AUG-199 JP 2000567723

PF 26-AUG-199 JP 
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1 (bases 1 to 20)
Fan,J.B., Hirschhorn,J.N., Huang,X.,
Lockhart,D.J., Ryder,T. and Sklar,P.
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JP 2002539849-A/189.
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                                                                                                                                                                          DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR
C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.2e+03;
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E07024
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CHIRON CORP
OS Artific
PN JP 2002
PD 08-OCT-
PF 28-DEC-
PR 31-DEC-
PI CHU KET
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E07024.1 GI:2175174
JP 1994090756-A/22.
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1 (bases 1 to 20)

Keting,C., Xin,H., Chan,V.W.F., Kothakota,S., Williams,L.T.
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                                                                                                                                                                                                                                                                                                                                                                                                                   A61K38/00,A61K31/711,A61K39/395,A61K39/395,A61K45/00,A61K48/00, PO
A61P35/00,
PC A61P37/00,A61P43/00,C07K14/47//C12N15/02,A61K37/02,C12N15/00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Methods for treating cancer and for mediating
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 dendritic cells
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31-DEC-1998 US 60/114498
CHU KETING, HONG XIN, VIVIEN W F CHAN, SRINIVAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Artificial Sequence JP 2002533402-A/15 08-OCT-2002
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                                                                                                                                                                                                                                                                                                                                     /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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Pred. No. 2.2e+03;
0; Mismatches 3;
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Pred. No. 2.2e+03
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E07462
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Takewaki, S., Nagai, R., Okuzumi, T. and Okubo, A.
DNA CODING DNAJ PROTEIN OF MICROORGANISM OF GENUS MYCOBACTERIUM,
PROBE FOR SPECIFICALLY RECOGNIZING THE DNA AND DETECTION OF
MICROORGANISM OF GENUS MYCOBACTERIUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
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Kamiyama, H., Pukuda, K. and Matsuhisa, A.

TWO STAGE THERMOCYCLE PCR METHOD

Patent: JP 1994090756-A 22 05-APR-1994;

FUSO YAKUHIN KOGYO KK
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JP 1994090756-A/22
05-APR-1994
10-SEP-1992 JP 1992241798
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                                                                                                                                                                                                10-MAR-1992 JP 1992086304
TAKEWAKI SHIYUNICHI, NAGAI RYOZO, OKUZUMI TOSHIKO,
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hypothetical: No;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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Pred. No. 2.
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E16987/c
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ITO HAM
                                                unidentified
                                                                      E16987.1 GI:5711670 JP 1998229899-A/2.
1 (bases 1 to 20)
Kobayashi,M., Kawaguchi,R., 9
PRIMER FOR DETECTING BCR/ABL
                                                            unidentified
                                                                                            Sense primer for detection E16987
                                                                                                                     E16987
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Kudo, T., Itagaki, Y., Sato, S., Sudou, S. and Nakamura, METHOD FOR DISCRIMINATING SEX OF BOVINE EMBRYO Patent: JP 1995132088-A 8 23-MAY-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unidentified
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NAKAMURA TOYORO
C12N15/09,C12Q1/68;
strandedness: Single;
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13-DEC-1991 JP 1991352032
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JP 1995132088-A/8
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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/db_xref="taxon:32644"
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Pred. No. 2.2e
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1 of major-bcr.
  Segawa,M. and
L TYPE CHIMERA
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  Takarada, Y
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 RNA,
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E25471
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                      Query Match
Best Local S
Matches 16
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L Patent: JP 1998229899-A 2 02-SEP-1998;
S R L:KK, TOYOBO CO LTD
OS None
OC Artificial sequences.
PN JP 1998229899-A/2
PD 02-SEP-1998
PF 21-FEB-1997 JP 1997054092
PI KOBAYASHI MASARU, KAWAGUCHI RYUJI, SEGAWA MASAYA, PI TAKARADA YUTAKA
PC C1201/68,GOLN33/50//C12N15/09;
CC strandedness: Single;
CC topology: Linear;
FH Key Location/Qualifiers
FH Key Location/Qualifiers
FT source /organism='Artificial sequences'.
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                                                                                                                                                                                                                    SANKYO CO LTD
OS UNIDENTIFE
PN JP 1999127
PD 18-MAY-199
PF 28-OCT-199
PR MAKOTO KO:
PC C12N15/09
PC C12N15/09
PC C12N19/00/
CC Strandedn
CC Topology:
FH Key
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Makoto, K. and Yuji, O.
Makoto, K. and Yuji, O.
Polyribonucleotide producing various ribozymne molecules
antisense RNA molecules
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Polyribonucleotide producing
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                        Conservative
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C12N15/09, A61K31/70, A61K35/76, A61K48/00, A61K48/00, A61K48/00,
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C12N9/00//(C12N9/00,C12R1:19),C12N15/00
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                       /organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
                                                                                                                                                                                         /organism='Unidentified'
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                    Score 14.2; DB 1; Pred. No. 2.2e+03; 0; Mismatches 3
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E36060/c
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E36060
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Best Local Similarity
Matches 16; Conserv
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  PATER A, BERGH RORUFU HO
OS Unidentified
PN JP 1999236396-A/5
PD 31-AUG-1999
PF 14-OCT-1998 JP 199829
                                                                                                         1 (bases 1 to 20)
Bushato,O., Eguhorumu,M., Nielsen,P.A., Berg,R.H., Ekka,D.J
Morugado,N.A.
Higher-order structure and binding of peptide nucleic acid
Patent: JP 1999236396-A 5 31-AUG-1999;
ISIS PHARMACEUTICALS INC, BUCHARDT DORUTE, EGUHORUMU MICHAEL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 bp
Higher-order structure and binding
E36060
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unclassified.
1 (bases 1 to 20)
Bushato,O., Eguhorumu,M., Nielsen,P.A.,
                                                                                                                                                                                                                                                                 unidentified
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E36060
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JP 1999236396-A/5.
                                                                                                                                                                                                                                                                                       unidentified
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nilarity 84.2%;
Conservative
Unidentified
JP 1999236396-A/5
31-AUG-1999
14-OCT-1998 JP 1998291590
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14-OCT-1998 JP 1998291590
14-OCT-1993 US
088658
02-JUL-1993 US
088658
BUSHATO ORE, EGUHORUMU MICHAEL, NIELSEN PATER A, BERG RORUFU HO
EKKA DAVID JAY, MORUGADO NILUS A
CO7H21/04, A61K31/00, A61K31/00, A61K31/70, A61K48/00,
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.2e+03;
0; Mismatches 3
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de nucleic acid.
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RESULT 2877
E49408/c
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E40646/c
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ACCESSION
VERSION
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DEFINITION
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Best Local S
Matches 16
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Matches 16; Conserv
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PN JP 20
PD 06-JI
PF 17-SI
PR NOBUI
NAKAHARA,
                E49408
Method
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16; Conserv
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Serizawa,N., Haruyama,H., Takahashi,W., Nakahara,K. and Yonehara,S. Antibuman Fas humanized antibody-containing antirheumatic Patent: JP 2000154149-A 17 06-JUN-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RASEEE
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synthetic construct
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ilarity 84.2%;
Conservative
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C12N15/09,C12Q1/68,C12N15/00
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EKKA DAVID JAY,MORUGADO NILUS A
C07H21/04,A61K31/00,A61K31/00,A61K31/70,A61K48/00,
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17-SEP-1999 JP 1999263984
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20 bp DNA linear if the property of the proper
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.2e+03;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                 Score 14.2; DB 1;
Pred. No. 2.2e+03;
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E49413/c
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AUTHORS
TITLE
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KEYWORDS
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Method
                                                                                                                                                                                    artificial sequences.

1 (bases 1 to 20)

Tsuji,A., Hirano,M., Koshimoto,H. and Ishibashi,K.
Tsuji,A., Hirano,M., Koshimoto,H. and Ishibashi,K.
Method for detecting cytoplasmic target nucleic acid
Patent: JP 2001025400-A 12 30-JAN-2001;
BUNSHI BIO HOTONIKUSU KEKKYUSHO
OS Artificial Sequence
PN JP 2001025400-A/12
DJ 30-JAN-2001
DJ 20-JAN-2001
PF 28-DEC-1999 JP 1999373904
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1 (bases 1 to 20)

Tsuji, A., Hirano, M., Koshimoto, H. and Ishibashi, K.

Method for detecting cytoplasmic target nucleic acid in
Patent: JP 2001025400-A 7 30-JAN-2001;

BUNSHI BIO HOTONIKUSU KENKYUSHO

S Artificial Sequence
PN JP 2001025400-A/7

PD 30-JAN-2001

PF 28-DEC-1999 JP 1999373904
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E49408
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synthetic construct
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JP 2001025400-A/12.
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                                                                                                                                                        AKIHIKO TSUJI, MASAHIKO HIRANO, HIROYUKI KOSHIMOTO,
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                                                                              source
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                                                                                                                           C12Q1/68,C12N15/09//G01N21/78,C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                          20 bp DNA linear PAT 31-JAN for detecting cytoplasmic target nucleic acid in living
                                          /organism='Artificial Sequence'
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA
/db_xref="taxon:32630"
/organism="synthetic construct"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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E49538/c
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Best Local S
Matches 16
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                                                                                   JP 2001057891-A/26.

synthetic construct

synthetic construct

artificial sequences.

1 (bases 1 to 20)

Kato, S., Kobayashi, Y., Hiraishi, Y., Shimi:

Method for determining subtype of HIV-1

Patent: JP 2001057891-A 26 06-MAR-2001;
                                                                                                                                                                                                                                                                                                                        3004 CCCCTCACCCCATCTTGTC 3022
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16; Conserv
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Method for determining
E63450
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
1 (bases 1 to 20)
P,M.B. and T,B.R.
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Homo sapiens
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MONIA BURETTO P, BOGGUZU RUSSELL T
C12N15/09,A61K31/7088,A61K48/00,A61P17/06,A61P35/00,A61P43/00,
C12N15/00,A
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 SHINGO KATO, YOSHIO KOBAYASHI, YOSHIYUKI HIRAISHI, KAYOKO
                          01-FEB-2000 JP 2000023581
                                               Artificial Sequence JP 2001057891-A/26
                                                                                                                                                                                                                                                                                                                                                  Conservative
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18-JAN-2000 JP 2000008654
31-MAY-1994 US 08/2508
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JP 2000152797-A/28
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                                       06-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism='Homo sapiens
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.2e
0; Mismatches
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Pred. No. 2.2e+03;
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                                                                                                                 Shimizu, K.
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                                                                                                                 and Sugita,
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I15254
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Query Match
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Best Local Similarity 84.2%;
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Best Local Similarity
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                                                                      SHIMIZU,
PI TET:
PC C121
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                                                                                                                                         Unknown
                                                                                                                                                                                   Sequence 8 from patent US
I15254
                                                                                                                                                                                                                                                                                                                                                                                Kolberg, J.A., Shen, L.-P. and Urdea, M. CMV probes for use in solution phase Patent: US 5407795-A 53 18-APR-1995; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 53 from Patent US I11499
                                                                                                                                 Unclassified.
                                                                                                                                                      Unknown
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Kolberg, J.A., Shen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                               /organism="unknown"
/mol_type="unassigned DNA"
                                        /organism="unknown"
/mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic_DNA
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
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SOURCE
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I25563
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I18402
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I18398/c
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1 (bases 1 to 2
Sorenson, G.D.
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I18402
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I18398
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I25563
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Unclassified.
1 (bases 1 to 20)
Oyama, N., Yamaguchi, S.,
                                                                                                                                                                                                                                                                  Detection of allele - specific mutagens
Patent: US 5496699-A 16 05-MAR-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                  Unclassified.
1 (bases 1 to 20)
Sorenson, G.D.
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                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
0; Mismatches 3;
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Pred. No. 2.2e+03;
0; Mismatches 3;
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 Shimomura, T.
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129871/c
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Antisense oligonucleotide modulation
Patent: US 5563255-A 28 08-OCT-1996;
Location/Qualifiers
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                                                                                                                                     1 (bases 1 to 20)
Seizinger, B.R., Kley, N.A. and Bianchi, A.B.
NF2 isoforms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
                                                                                                              Patent: US 5578462-A 22 26-NOV-1996;
Location/Qualifiers
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                                                                                 /mol_type="unassigned DNA"
                                                                                             /organism="unknown"
                                                                                                                                                                                                                GI:1820662
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I40023
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 240 from patent I31328
                                1 (bases 1 to 20)
Sanchez-Pescador,R., Besemer,D.J. and
Chlamydiae probes for use in solution
                                                                                                                                                                                                                                                                                                                                                                            Unclassified.

(Dases I to 20)

Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P., Soubrier, F., Kotelevtsev, Y. and Corvol, P.
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            Patent:
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Similarity 84.2%;
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US 5618674-A 76 08-APR-1997;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
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Koziel, M.G., Dessi, N.M., Lewis, K.S., Kramer, V.C., Warren, G.W., Evola, S.V., Crossland, L.D., Wright, M.S., Merlin, E.J., Launis, K.L., Rothstein, S.J., Bowman, C.G., Dawson, J.L., Dunder, E.M., Pace, G.M. and Suttie, J.L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: US 5625136-A 57 29-APR-1997;
Location/Qualifiers
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                                                                                                                                    Murine gene fomy030 coding for tumor Patent: US 5633161-A 4 27-MAY-1997; Location/Qualifiers
                                                                                                                                                                                                               Unknown
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Shyjan, A.W.
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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149616
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Ecker, D.J., Buchardt, O., Egholm, M., Nielsen, P.E.,
Mollegaard, N.E.
Cleaving double-stranded DNA with peptide nucleic
Patent: US 5641625-A 31 24-JUN-1997;
Location/Qualifiers
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Solution phase nucleic acid sandwich assays having reduced background noise
Patent: US 5635352-A 61 03-JUN-1997;
Location/Qualifiers
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Ecker, D.J., Buchardt, O., Egholm, M., Nielsen, P.E.,
Mollegaard, N.E.
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 Cleaving double-stranded DNA with peptide nucleic acids Patent: US 5641625-A 31 24-JUN-1997;
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Shyjan, A.W.
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Kudo, T., Itagaki, Y., Sato, S., Sutou, S.
Sexing method of bovine embryos
Patent: US 5661011-A 8 26-AUG-1997;
 I71037
                                                                                          h 0.2%; Score 14.2; DB 1; Similarity 84.2%; Pred. No. 2.2e+03; 6; Conservative 0; Mismatches 3
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                              Therapeutic oligonucleotides targeting Patent: US 5683987-A 19 04-NOV-1997; Location/Qualifiers
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195836
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                                                                                                                                                                                                   (bases 1 to 20)

Kolberg, J. A. and Urdea, M.S.

HAV probes for use in solution phase assays for detecting the presence of Patent: US 5702891-A 39 30-DEC-1997;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="unknown"
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
J. o slashed.rgensen, S. Troels.
J. o slashed.rgensen, Eroels.
Amplification of genomic DNA by site specific integration of a selectable marker construct
Patent: US 5733753-A 1 31-MAR-1998;
Location/Qualifiers
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Sequence 31
AR180858
AR180858.1
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J.o slashed.rgensen,S.Troels.

Amplification of genomic DNA by site
selectable marker construct
Patent: US 5733753-A 1 31-MAR-1998;
Location/Qualifiers
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                                DNA polymerase-related factors
Patent: US 6333158-A 31 25-DEC-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
/organism="unknown"
/mol_type="unassign
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Dean,N.M. and Cowsert,L.M.
Antisense inhibition of HPK/GCK-like
Patent: US 6346416-A 14 12-FEB-2002;
Location/Qualifiers
                  Sequence 68 from patent US
AR205384
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Location/Qualifiers
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Dubin, A.E., Erlander, M.G.,
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Pred. No. 2.2e
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Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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Sequence 4 from I
AR207393
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Sequence 8
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Patent: US 6383746-A 8 07-MAY-2002;
Location/Qualifiers
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Shyjan,A.W.
Kits for detecting fOHY030
Patent: US 6372896-A 4 16-APR-2002;
Location/Qualifiers
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Monia, B.P. and Wyatt, J.
Monia, B.P. and Wyatt, J.
Antisense inhibition of Phosphorylase kinase beta expression
Patent: US 6368856-A 68 09-APR-2002;
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                                                                     /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
0; Mismatches 3
                                  Score 14.2; DB 1;
Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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6383746.
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6372896.
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AR211552/c
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AR215675/c
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Best Local Similarity
Matches 16; Conserv
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Unclassified.

E 1 (bases 1 to 20)

E 1 (bases 1 to 20)

Antisense inhibition of cytohesin-1 exp
Patent: US 6383809-A 39 07-MAY-2002;

Location/Qualifiers

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                                                                           Sequence
AR215675
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AR211552
Unclassified.
1 (bases 1 to 20)
Roberts, M.L. and Cowsert, L.M.
                                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
1 (bases 1 to 20)
1 (bases 1, N., Seth, A.K. and Papas, T.S.
Vournakis, J.N., Seth, and Papas, T.S.
Methods and compositions for diagnosis
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AR208830
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
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AR215943
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AR215983/c
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               3004 CCCCTCACCCCATCTTGTC 3022
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19
                                                                                                         Monia,B.P.
Antisense oligonucleotide inhibition
Antisense oligonucleotide 25-JUN-2002;
Patent: US 6410518-A 30 25-JUN-2002;
Location/Qualifiers
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Sequence 30
AR215983
AR215983.1
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AR215943
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Bennett, C.F., Freier, S.M. and Watt, A.T.
Antisense modulation of phospholipase I
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                                                                                                                                                                                         Unknown
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                                                                                                                                                                             Unclassified
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.
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Similarity 84.2%;
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CACCTCAGCCCATCTTGAC 1
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ilarity 84.2%;
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/mol_type="genomic"
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/mol_type="genomic DNA"
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/mol_type="genomic
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Pred. No. 2.2e+03;
0; Mismatches 3
                                         Score 14.2; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 3
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AR221426/c
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AR221019
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AR218682
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KVLQT1--a long qt syndrome gene
Patent: US 6420124-A 29 16-JUL-2002;
                   1 (bases 1 to 20)
Bennett, C.F. and Cowsert, L.M.
Antisense modulation of calreticulin
Patent: US 6426220-A 65 30-JUL-2002;
                                                                      Unknown.
                                                                                                                  Sequence 65 from patent AR221426
                                                                                                                                                                                                                                                                                                                Antisense modulation of phosphorylase kinase alpha 1 Patent: US 6426188-A 72 30-JUL-2002; Location/Qualifiers
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Sequence 72 from patent
AR221019
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Similarity 84.2%;
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Pred. No. 2.
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Pred. No. 2.2e+03;
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Matches 16; Conserv
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AR224724
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Keating,M.T., Sanguinetti,M.C. and Splawski,I.

Mutations in the KCNE1 gene encoding human mink which

arrhythmia susceptibility thereby establishing KCNE1 a

Patent: US 6432644-A 29.13-AUG-2002;
                                                                                                                                                                    Antisense modulation of casein kinase Patent: US 6440738-A 132 27-AUG-2002; Location/Qualifiers
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Sequence 132 from patent
AR224673
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AR223097
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/mol_type="genomic
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/mol_type="genomic"
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/mol_type="genomic
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from patent US 6440739.
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84.2%; Pred. No. 2.2e+03;
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AR224782
AR224782.1
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1 (bases 1 to 20)

Bennett, C.F. and Freier, S.M.

Antisense modulation of glioma-associated oncogene-2

Patent: US 6440739-A 87 27-AUG-2002;
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1 (bases 1 to 20)
Bennett, C.F. and Freier, S.M.
Bennett, C.F. and Freier, S.M.
Antisense modulation of glioma-associated oncogene-2 expression Patent: US 6440739-A 29 27-AUG-2002;
                                                               Calcium channel compositions and methods Patent: US 6441156-A 113 27-AUG-2002; Location/Qualifiers
                                                                                                                    1 (bases 1 to 20)
Lerman, M.I., Latif, F., Wei, M.-H.,
                                                                                                                                                                                                                    Sequence 113 from patent
AR225147
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AR224724.1
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llarity 84.2%;
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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AR225997
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AR226055/c
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Sequence 66 1
AR225916
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AR226055
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Unknown.
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Wyatt, J. and Freier, S.M.
Antinsense modulation of Her-1 expression
Patent: US 644445-A 60 03-SEP-2002;
Location/Qualifiers
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Sequence 60 from patent US
AR225997
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                              AR226055.1
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                                                  118 from patent
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AR228182
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Best Local Similarity
Matches 16; Conserv
                                          Matches
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Best Local Similarity 84.2%;
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Best Local Similarity
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Sequence 83
AR228182
AR228182.1
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Antisense modulation of helicase-moi
Patent: US 6444466-A 44 03-SEP-2002;
Location/Qualifiers
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AR226163
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Antinsense modulation of Her-1 expression
Patent: US 6444465-A 118 03-SEP-2002;
Location/Qualifiers
                                                                                                                Guida, M. and Kurth, J.

Genotyping the human phenol sulfotransferbase
Patent: US 644803-A 83 10-SEP-2002;
Location/Qualifiers
                                                                                                                                                         Unknown.
Unclassified.
1 (bases 1 to 20)
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1 (bases 1 to 20)
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nilarity 84.2%;
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/mol_type="genomic DNA"
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/mol_type="genomic I
                                                                                /organism="unknown"
/mol_type="genomic DNA"
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                                        Score 14.2; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 3
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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AR228966
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AR228183
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Unclassified.
Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Guida, M. and Kurth, J.
Genotyping the human phenol sulfotransferbase 2 gene (
Genotyping the human phenol sulfotransferbase 2 gene (
Patent: US 6448003-A 84 10-SEP-2002;
Patent: Location/Qualifiers
                                                                                                       AR229552
Sequence 22
AR229552
AR229552.1
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Sequence 66
AR228966
AR228966.1
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Sequence
AR228183
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Ward, D.T. and Watt, A.T.
Antisense modulation of WRN expression
Patent: US 6448080-A 66 10-SEP-2002;
Location/Qualifiers
Plants and plant cells transformation AMPA-N-acetyltransferase Patent: US 6448476-A 22 10-SEP-2002;
                                 1 (bases 1 to 20)
Barry, G.F.
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                                                                                                                              22 from patent US 6448476.
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/mol_type="genomic DNA"
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from patent US 6448003.
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AR229859/c
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Best Local S
Matches 16
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                                              Matches
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Best Local Similarity 84.2%;
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Best Local Similarity 84.2%;
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19
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AR229859
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                                                                                                                          1 (bases 1 to 20)
Cowsert,L.M.
Antisense modulation of CHK2 expression
Patent: US 6451538-A 42 17-SEP-2002;
Location/Qualifiers
                                                                                                                                                                                                                                              Sequence 42 from patent US AR229999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases I to 20)

Keating,M.T., Sanguinetti,M.C., Curran,M.E.,
Connors,T.D., Burn,T.C. and Splawski,I.

KVLQT1--a long QT syndrome gene
Patent: US 6451534A, 29 17-SEP-2002;
                                                                                                                                                                                                Unknown
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TTAAGACACCCGTGGCTTC 1
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/mol_type="genomic DNA"
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/mol_type="genomic
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                                             Score 14.2; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 3
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RESULT 2934 AR230798/c

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AR233429
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Detera-Wadleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.

Polynucleotides encoding IMP.18p myo-inositol monophosphatase and
methods of detecting said polynucleotides

Patent: US 6458532-A 58 01-OCT-2002;
Location/Qualifiers
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AR230798
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Popoff, I. and Cowsert, L.M.
Antiense modulation of PARP expression
Patent: US 6451602-A 58 17-SEP-2002;
                              nucleic acid segments
Patent: US 6458536-A 43 01-0CT-2002;
                                                                                                Unknown.
                                                                  Gatti,R.A.
                                                                                                                                   AR233681.1
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                                                     Modified SSCP method using sequential
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                    Location/Qualifiers
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/mol_type="genomic DNA"
 /organism="unknown'
                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
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                                                                                                                                                                                                1 (bases 1 to 20)
Penny,L. and Galvin,M.
Genotyping the human UDP-glucuronosyltransferase
Patent: US 6479236-A 71 12-NOV-2002;
Location/Qualifiers
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AR252971
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Location/Qualifiers
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/mol_type="genomic DNA"
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1 (bases 1 to 20)
1 (bases 1 to 20)
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Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Keating,M.T., Sanguinetti, M.C. and Splawski,I.
Keating,M.T., Sanguinetti, M.C. and Splawski,I.
M.C.
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Penny,L. and Galvin,M.
Genotyping the human UDP-glucuronosyltransferase 1 (UGT1) gene
Patent: US 6479236-A 73 12-NOV-2002;
Location/Qualifiers
                                                                                                      1 (bases 1 to 20)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Kyyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method

Patent: US 6492121-A 34 10-DEC-2002;
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/mol_type="genomic"
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                                      RESULT 2944
AR271974/c
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AR271907/c
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Zhang, H. and Wyatt, J.
Antisense modulation of BH3 interacting
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                                                                                                                                                                                                                                                                Unknown.
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                                                                                                                                                                                                              expression
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                                                                                                                                                                                                      Patent: US 6503754-A 151 07-JAN-2003;
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/mol_type="genomic
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/mol_type="genomic I
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AR281479/c
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AR278833/c
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Murray,J.C. and Semina,E.
RGS compositions and therapeutic and diagnostic
Patent: US 6518411-A 92 11-FEB-2003;
                                                                                                                                                                                               AR281479
Sequence 92 from patent US
AR281479
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Sequence 127 from patent
AR278833
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Freier, S.M. and Wyatt, J.
Antisense modulation of syntaxin 4 interacting
Patent: US 653756-A 44 07-JAN-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 20)
Marks,J.D. and Schier,R.
High affinity human antibodies to tumor
Patent: US 6512097-A 127 28-JAN-2003;
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                                                                                                                                       Unclassified.
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/mol_type="genomic |
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                                           organism="unknown"
/mol_type="mRNA"
                                                                              Location/Qualifiers
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Pred. No. 2.2e+03;
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1 (bases 1 to 20)
1 (cohen, D., Chumakov, I. and Blumenfeld, M. Cohen, D., Chumakov, I. and Islumenfeld, M. Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 4737 25-MAR-2003; Location/Qualifiers
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Sequence
AR293002
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 8838 25-MAR-2003;
Location/Qualifiers
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llarity 84.2%; Pred. No. 2.2d
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                                                                                                  l (bases 1 to 20)
Griffals,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydla pneumoniae polynucleotides and
Patent: US 6559294-A 1575 06-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 20)
Griffals,R., Hoiseth;S.K., Zagursky,R.J., Metcalf,B.J
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 1307 06-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l (bases 1 to 20)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10868 25-MAR-2003;
                                                                                                                                                                                                                             AR311038
Sequence 1575 from patent
AR311038
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                                                                                                                                                                                   Unknown.
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                                                                 /organism="unknown"
/mol_type="genomic
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/mol_type="genomic DNA"
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                     Score 14.2; DB 1;
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                                          Length 20;
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AR311322
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AR311421/c
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AR311421
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AR311322
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Sequence 2176 from patent
AR311639
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Griffals, R., Hoiseth, S.K., Zagursky, R.J.,
Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynucleotides and u
Patent: US 6559294-A 1958 06-MAY-2003;
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Griffals,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and
Patent: US 6559294-A 1859 06-MAY-2003;
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
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Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and u
Patent: US 6559294-A 2989 06-MAY-2003;
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Location/Qualifiers
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                                                                                                                                                                                                   Unknown
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/mol_type="genomic DNA"
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AR314430
AR314430.1
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AR314082
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AR312897
Unclassified.
1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K.,
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Griffals,R., Holseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and patent: US 6559294-A 4619 06-MAY-2003;
Location/Qualifiers
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Griffals,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and
Patent: US 6559294-A 3434 06-MAY-2003;
Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03
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  Zagursky, R.J., Metcalf, B.J.,
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6559294.
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   Peek, J.A.,
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AR314638
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1 (bases 1 to 20)

2 (Safffais,R., Holseth,S.K., Zagursky,R.J., Sankaran,B. and Fletcher,L.D.

Chlamydia pneumoniae polynucleotides and chlamydia pneumoniae polynucleotides and patent: US 6559294-A 6067 06-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Griffais,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and u
Patent: US 6559294-A 5175 06-MAY-2003;
Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic |
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/mol_type="genomic
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RESULT 2963
AR315753/c
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AR316146/c
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AR315750/c
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Sequence 66
AR316146
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Griffais,R., Hoiseth,S.K., Zagankaran,B. and Fletcher,L.D.
                                                                                                                                                                                                                                                                                                                                                                                              Sequence
AR315753
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Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and u
Patent: US 6559294-A 6287 06-MAY-2003;
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AR315750
Unclassified.

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Griffais,R., Hoiseth,S.K.,
Sankaran,B. and Fletcher,L.
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/mol_type="genomic I
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/mol_type="genomic
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                       1967
                                                                                                   Unknow...
Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Bennett,C.F., Baker,B.F., Wyatt,J. and Davis,S.E.
Antisense modulation of CD40 ligand expression
Patent: US 6586245-A 83 01-JUL-2003;
Location/Qualifiers
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AR344553
AR344553.1
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Sequence 83 from patent US
AR350306
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Keating,M.T., Sanguinetti,M.C., Curran,M.E., Landes,G.
Connors,T.D., Burn,T.C. and Splawski,I.

Diagnostic method for KVLQT1--a long QT syndrome gene
Patent: US 6582913-A 29 24-JUN-2003;

Location/Qualifiers
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16; Conservative
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                                                                                                                                                                                                               Unknown.
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/mol_type="genomic DNA"
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/mol_type="genomic
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
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AR362252
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FEATURES
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AR359539/c
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Sequence
AR359539
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AR369004
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Bisanti,B., Cipriani,S. and Coppola,F
Loop filter architecture
Patent: US 6600351-A 105 29-JUL-2003;
Location/Qualifiers
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        1 (bases 1 to 20)
Irvine, B.D., Kolberg, J.A. and Urdea, M.S.
HIV probes for use in solution phase sandwich hybridization
Patent: US 6300056-A 56 09-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                    Unknown
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Similarity 84.2%;
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/mol_type="genomic
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/mol_type="genomic
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03
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RESULT 2970
AR373467/c
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                                                                                                                                                                         Patent: US 6602713-A 93 05-AUG-2003; Location/Qualifiers
                                                                                                                                                                                               Wyatt, J.
Antisense modulation of protein phosphatase beta expression
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Sequence 93 from patent US
AR373523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          beta expression
Patent: US 6602
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                                                                                                                                                                                                                                                      Unknown
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Location/Qualifiers
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/mol_type="genomic |
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/mol_type="genomic DNA"
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/mol_type="genomic
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AR427885/c
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Matches 16; Conserv
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Matches 16; Conserv
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AR429226
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                                                     Unclassified.

1 (bases 1 to 20)

Herrmann,B., Koschorz,B. and Kispert,A.
Nucleic acids involved in the responder
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Myers, A.M. and James, M.G.
Dull1 coding for a starch synthase and
Patent: US 6639125-A 8 28-OCT-2003;
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AR427885
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/mol_type="genomic |
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/mol_type="genomic DNA"
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Sequence 3 from Patent W09961662.
AX009450
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1 (bases 1 to 20)

Richardson, M.A.

Richardson, M.A.

Phenylalanine hydroxylase gene variants, and amino acid and pterin homeostasis, in the definition, detection, treatment and prevention of psychotic, mod and personality disorders

Patent: US 6649345-A 6 18-NOV-2003;
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AR430358
                                                                                                                                                                                                                           Shchepinov.M.S. and Southern,E.M.
Polynucleotide multimers and their use in hybridisation assays
Patent: WO 996166-A 3 02-DEC-1999;
SHCHEPINOV MIKHAIL SERGEEVICH (GB); SOUTHERN EDWIN MELLOR (GB);
                                                                                                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unknown"
/mol_type="genomic DNA"
                                                                                                                                                      /mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                            /note="Oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                             organism="synthetic construct"
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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6649345.
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Sequence 6 from Patent EP0920538.
AX022956
AX022956.1 GI:10046449
unidentified unidentified
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Sequence 6 from Patent WO9856947.
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                                             Sequence 4 from AX032549
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                                                                                                                                                                                                                                                                                                                       Methods for diagnosing and assessing a predisposition to bipolar affective disorder Patent: WO 9856947-A 6 17-DEC-1998;
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                                  AX032549.1
                                                                      AX032549
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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ADAMS LINDA SCHOFIELD PETER

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Adams,L.J., Mitchell,P.B. and Schofield,P.R. Methods for diagnosing and assessing a prediaffective disorder Patent: EP 0920538-A 6 09-JUN-1999; GARVAN INST MED RES (AU); UNISEARCH LTD (AU) Location/Qualifiers
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 32 from Patent W00065040.
AX040985
AX040985.1 GI:11340581
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Method for the detection and/or analysis, by means of primer extension techniques, of single nucleotide polymorphisms in restriction fragments, in particular in amplified restriction fragments generated using aflp m(3)

Patent: WO. 006,1801-A 19 19-OCT-2000;
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Sequence 19 from Patent WO0061801.
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Patent: EP 1006187-A 4 07-JUN-2000;
MILLENIUM PHARMACEUTICALS INC (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Shyjan, A.W. Compositions for the diagnosis,
Helentjaris, T.G., Habben, J.E. and Sun, Y. Cell cycle genes and methods of use Patent: WO 0065040-A 32 02-NOV-2000; PIONEER HI-BRED INTERNATIONAL, INC. (US)
                                                                                                           Zea mays
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                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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7363 AAATTATCCCAGCAGCTGT 7381
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Sequence 4 from Patent W00066724.
AX045384
AX045384.1 GI:11343868
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1 from Patent W00066724.
AX045381
AX045381.1 GI:11343865
                                                                              Patent: WO 0066724-A 4 09-NOV-2000; Universitaet Zuerich (CH)
                                                                                                                               Zangemeister-Wittke, U., Luedke, G. and Huesken, Oligonucleotide derivatives directed against 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Zangemeister-Wittke, U., Luedke, G. and Oligonucleotide derivatives directed
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned RN/
/db_xref="taxon:9606"
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/mol_type="unassigned
/db_xref="taxon:4577"
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Improved primers and methods for the
of nucleic acids
Patent: WO 0079009-A 6 28-DEC-2000;
INVITROGEN CORPORATION (US)
Location/Qualifiers
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Detection system for separating constituents of a sample production and use of the same Patent: WO 0071747-A 37 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
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Sequence 6 from Patent WO0079009.
AX063343
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Sequence 37 from Patent W00071747.
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kunstlichen
Sequenz:Erkennungssystem"
                                                                                  /bound_moiety="fluorescein labeled"
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mol_type="unassigned DNA"

/db_xref="taxon:32630"
                                                                                                              'note="Oligonucleotide"
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Sequence 8 from Patent WO0079009
AX063345
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Patent: WO 0079009-A 7 28-DEC-2000;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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AX078007
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 Chiu, N.
Methods
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Immunostimulatory nucleic acids
Patent: WO 0123972-A 448 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 448 from Patent AX104256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Antisense therapy for hormone-regulated tumors
Patent: WO 0105435-A 21 25-JAN-2001;
THE UNIVERSITY OF BRITISH COLUMBIA (CA) ; Miyake, Hideaki (JP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens (human)
            Braun, A., Koester, H., van den Boom, D., Ping, Y., Chiu, N. and Jurinke, C.
                                                                   synthetic construct synthetic construct
                                                                                                                    Sequence 95
AX112447
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Mammalia; Eutheria; Primates;
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for generating databases and databases for identifying
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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synthetic construct
artificial sequences.
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Sequence 17 from Patent W00130375.
AXI33731
                                                                                  Hanke,M., Kruse,F., Paulista,M. and Pohl,J.
Use of gdnf for treating corneal defects
Patent: WO 0110375-A 17 03-MAY-2001;
BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2097 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Patent: WO_0127857-A 95 19-APR-2001;
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organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="Primer"
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                                                                                                                                                                       COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent: EP 1113081-A 41 04-JUL-2001;
INSTITUT PASTEUR DE LILLE (FR); INSTITUT NATIONAL DE
DE LA RECHERCHE MEDICALE (INSERM) (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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22 from Patent WO0134653.
                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Antisense oligonucleotide sequences d
inhibitors of microorganisms
Patent: WO 0136625-A 333 25-WAY-2001;
GeneSense Technologies Inc. (CA)
Location/Qualifiers
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Antisense oligonucleotide sequences d
inhibitors of microorganisms
Patent: WO 0136625-A 332 25-MAY-2001;
                                  Sequence 58
AX188439
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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AX189739
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Sequence 15 from Patent
AX191318
AX191318.1 GI:15209569
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Primers, in particular, for primer-dependent nucleic processes and nucleic acid amplification methods Patent: WO 0149880-A 15 12-JUL-2001; QIAGEN GmbH (DE)
                                                                                          synthetic construct synthetic construct
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                    Korfhage, C. and Oelmueller, U.
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41 from Patent W00148240.
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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                                                                                                                                    Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, Method of designing addressable array for detection o sequence differences using ligase detection reaction Patent: WO 0179548-A 5137 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
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Sequence 5137 from Patent
AX293375
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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                                                     /note="Hypothetical Probe Sequence"
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 Score 14.2; DB 1;
Pred. No. 2.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               16;
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/mol_type="unassigned DNA"
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Li, X., Ohmen, J.D., Reed, D.R., Ross, D. a
Gene and sequence variation associated
compounds and other sweeteners
Patent: WO 0183749-A 259 08-NOV-2001;
synthetic construct
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artificial sequences.
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synthetic construct
artificial sequences.
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Plakoglobin interacting proteins
Patent: WO 018593-A 47 15-NOV-2001;
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol type="unassigned DNA"
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/noce="primer FVR192R"
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CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
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                                                                     Koester, H., Little, D.P., Braun, A., Jurinke, C., v Xiang, G., Lough, D.M., Ruppert, A. and Hillenkamp, Dna diagnostics based on mass spectrometry Patent; EP 1164203-A 114 19-DEC-2001;
                                                                                                                                                          unidentified unidentified
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/mol_type="unassigned DNA"
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/noTe="amorce PCR"
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                                                                                                                                                                       Galarza, J.M. and Latham, T.E. Nucleotide sequence of influenza a/udorn/72 (h3n2) genome Patent: WO 0200884-A 115 03-JAN-2002; AMERICAN CYANAMID COMPANY (US)
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/mol type="unassigned DNA"
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/noTe="Primer"
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/note="primer MCB967"
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Sequence 4 from Patent WO0175179
AX395776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Groot, P.C., van Bergenhenegouwen, B.J. and Genes involved in immune related responses Patent: WO 0214366-A 12 21-FEB-2002; Universiteit Utrecht (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct synthetic construct artificial sequences.
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             Patent: WO 0175179-A 4 11-OCT-2001;
LUDWIG INSTITUTE FOR CANCER RESEARCH (US) ;
SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (
                                                                                    Echchakir, H., Mami-Chouaib, F., Vergnon, I., Baurain, J.F., Coulie, P.G. and Boon-Falleur,
                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                          Homo sapiens
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ROUSSY (FR)
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                                                                      Preprocalcitonin as tumor rejection antigen
                                                                                                                                                                      Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 2.2e+03
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Pred. No. 2.2e+03;
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AX441024
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  16;
                                                                                                                 and Linnabacher, M.

Genes and their genetic products pertinent instable (msi+) tumours

Patent: WO 0204664-A 50 17-JAN-2002;

Von Knebel Doeberitz, Magnus (DE)

Location/Qualifiers
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Sequence 50 from Patent WO0204664.
AX441024
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Sequence 23 from Patent WO0196606.
AX402369
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/noTe="PCR primer"
                                                       'note="Primer"
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84.2%; Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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AX443272
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                                                         Query Match 0.2%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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                            5860 TTAGCTGGCAGGGTCAGGC 5878
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Sequence 57 from Patent EP1209237.
AX441426
AX441426.1 GI:21690407
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Location/Qualifiers
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Synthetic dna sequence having enhanced insecticidal activity in
                                                                                                                                                                                                                                                                                                         synthetic construct synthetic construct
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Syngenta Participations AG (CH)
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TTCGCCGCCAGGGTCAGGC 20
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 4519 from Patent
AX487219
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16; Conserv
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Sequence 34 from Patent WOO2055547.
AX482600 31:22317054
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                                                                                                                                                                                                                                                                                                                                     Patent: WO 02055547-A 34 18-JUL-2002; THE DEPARTMENT OF HEALTH AND HUMAN SE Institute of Medical Research (AU)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
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Syngenta Participations AG (CH)
Location/Qualifiers
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AX453922
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/mol_type="unassigned_DNA"
/db_xref="taxon:32630"
/noTe="Primer/Probe sequence"
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/db_xref="taxon:32630"
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       Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5218 1-JUL-2002; Elitra Pharmaceuticals, Inc. (US)
                                                                                                              Candida albicans
Candida albicans
Eukaryota; Fungi;
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Candida albicans
Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetales;
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                                                                                                Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Location/Qualifiers
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Sequence 4601 from Patent
AX487301
AX487301.1 GI:22321449
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 2.2e+03;
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Saccharomycetes; Candida.

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AX555238/c
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AX547309
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                                                                                                                       He,S.S. and Dotson,S.B.

Nucleic acid molecules associated with plant growth and uses thereof
Patent: WO 0205933-A 23 01-AUG-2002;

Monsanto Technology LLC (US)

Location/Qualifiers
                                                                                                                                                                                                           Oryza sativa
Oryza sativa
Oryza sativa
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Sequence 23 from Patent WOO2059332.
AX555238
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Patent: WO 02053141-A 448 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Sequence 448 from Patent
AX547309
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                                                                      /organism="Oryza sativa"
/mol_type="unassigned DNA"
/db_xref="taxon:4530"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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AX591853/c
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ACCESSION
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AX594032/c
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JOURNAL
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
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                                                                                                                                                                                                                                                                                Garcia,P., Hardy,S.F., Williams,L.T. and Escobedo,J. Endogenous retroviruses up-regulated in prostate cancer Patent: WO 0246477-A 110 13-JUN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 110 from Patent W00246477.
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AX613374
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
0; Mismatches 3;
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Pred. No. 2.2e+03;
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AX657300
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AX648068/c
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Matches 16
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Best Local Similarity
Matches 16; Conserv
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Method for determining the existence of animal or vegetable
mixtures in organic substrates
Patent: WO 02101090-A 19 19-DEC-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);
UNIVERSITE CLAUDE BERNARD - LYON 1 (FR); ECOLE NORMALE SUPERIEURE
DE LYON (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 19 from Patent AX648068 AX648068.1 GI:28803071
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AX613374
AX613374.1 GI:28408803
                                                                            Sequence 13
AX657300
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synthetic construct
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                         synthetic construct synthetic construct
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            artificial
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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2.2e+03;
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AX686616
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AX670929/c
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Method for diagnosing cancer susceptibility
Patent: WO 02100896-A 13 19-DEC-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)
              Edinger, S., Macdougall, J.R., Millet, I., Ellerman, K., Stone, D.J., Gerlach, V., Grosse, W.M., Alsobrook, J.P., Lepley, D.M., Rieger, D., Burgess, C.E., Casman, S.J., Spytek, K.A., Boldog, P.L., Li, L., Padigaru, M., Mishra, V., Patturajan, M., Shenoy, S., Rastelli, L., Tchernev, V.T., Vernet, C.A., Zerhusen, B.D., Malyankar, U.M., Guo, Y. Miller, C.E. and Gangolli, E.A.
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Sequence 172 from Patent
AX686616
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Location/Qualifiers
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Sequence 15 from Patent
AX670929
                                                                                                                                          synthetic construct synthetic construct
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and Nishihashi,H.
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 Proteins and nucleic acids
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Similarity 84.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
0; Mismatches 3
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Pred. No. 2.2e+03
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AX718885/c
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AX705855
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Curagen
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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16; Conserv
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                                                                                                                                                                                                                                                Sequence 7 from Patent WO02101048.
AX718885
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                                                                                                       GenOdyssee (FR)
                                                                                                                New polynucleotides and polypeptides Patent: WO 02101048-A 7 19-DEC-2002;
                                                                                                                                            Escary, J.L.
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                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon;9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Detection oligonucleotide
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
Score 14.2; DB 1;
Pred. No. 2.2e+03;
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                                 3982 GGTGTCTTATAACAAAAA 4000
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Sequence 120 from Patent
AX785612
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AX742460
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OGHAM GmbH (DE)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                               Score 14.2; DB 1;
Pred. No. 2.2e+03;
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synthetic construct
synthetic construct
artificial sequences.
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Solid phase method for analyzing a biomolecule
Patent: EP 1327690-A 4 16-JUL-2003;
NISSHINBO INDUSTRIES, INC. (JP)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                           synthetic construct
synthetic construct
artificial sequences.
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Sequence 4 from Patent EP1327690.
AX800083
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gene du collagene de type X alpha 1 (COL10A1)"
                                                                                                                                                                                                                                                                 /note="artificial oligonucleotide"
                                                                                                                                                                                                                                                                             organism="synthetic construct"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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AX817593
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Novel polypeptides and nucleic acids encoded thereby Patent: WO 02081517-A 341 17-OCT-2002;
Curagen Corporation (US)
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Sequence 63 from Patent W003072823.
AX826841
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Sequence 341 from Patent
AX817593
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Inoue, Kazutomo (JP) ; Yugengaisha Okuma
Location/Qualifiers
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Grandchamp, B. and Mentre, F. Method for in vitro detection
                                                           synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX838668/c
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Patent: WO 03072823-A 63 04-SEP-2003;
ASSISTANCE PUBLIQUE, HOPITAUX DE PARIS (FR)
Location/Qualifiers
                                                                                           Mutagenesis of aspergillus fungi and genes essential patent: WO 03076464-A 83 18-SEP-2003;
Bayer CropScience S.A. (FR) ; INSTITUT PASTEUR (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                            Sequence 83
AX838668
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Patent: EP 1344825-A 4 17-SEP-2003;
Millennium Pharmaceuticals, Inc. (U
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                                                                                                                                                                                                          synthetic construct synthetic construct
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/db_xref="taxon:32630"
/note="SEQUENCE DESCRIPTION artificielle: amorce"
                         note="PCR primer 5.3.11.2"
                                       /mol_type="unassigned DNA"
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Score 14.2;
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Pred. No. 2.2e+03;
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                                                                                                                                      for growth
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DEFINITION
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VERSION
KEYWORDS
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BD001702/c
                                                                                                       COMMENT
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BD001715/c
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synthetic construct

synthetic construct

artificial sequences.

1 (bases 1 to 20)

Jr,R.J.A. and Nelson,N.C.

Compositions for homogeneous protection as Patent: JP 2000350598-A 4 19-DEC-2000;
                                                                                                                                                           synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Jr,R.J.A. and Nelson,N.C.
                                                                                                                                                                                                                                                                                                                                                                  19
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OS Artificia:
PN JP 200035:
PN JP 200035:
PD 19-DEC-20
PP 02-MAY-20
PR 21-SEP-199
PR 21-SEP-199
PG C1201/68,0
C12N15/00
CC
CT2N15/00
CC
FH Key
FT Bource
FT
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Method for homogeneous protection assay Patent: JP 2000350599-A 4 19-DEC-2000; GEN PROBE INC OS Artificial Sequence PN JP 2000350599-A/4 PD 19-DEC-2000 JP 2000133506 PF 02-MAY-2000 JP 2000133506 PF 02-MAY-2000 JP 2000133506 PR 21-SEP-1987 US 099.392 PI RYLE JOHN ARNORD JR,NORMAN C NELSON PC C1201/68,C12N15/09,C12Q1/66,G01N21/78,G01N33/53,G01N33/58,C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                        16;
                                                                                                                                                                                                                                                               Method fo
BD001715
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JP 2000350599-A/4.
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02-MAY-2000 JP 2000133493
21-SEP-1987 US 099.392
RYLE JOHN ARNORD JR,NORMAN C NELSON
C12Q1/68,C12N15/09,C12Q1/66,G01N21/78,G01N33/53,G01N33/58,
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                                                                                                                                                                                                                                                                            for homogeneous protection assay.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism='Artificial
Location/Qualifiers
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1. .20
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Pred. No. 2.2e+03
0; Mismatches
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0; Mismatches 3;
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RESULT 3048
BD011036
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AUTHORS
TITLE
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BD004648
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KEYWORDS
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                        KEYWORDS
                                                                 DEFINITION
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                                      VERSION
                                                    ACCESSION
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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ORGANISM
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OS Homo sapiens (human)
PN JP 2001500745-A/6
PD 23-JAN-2001
PF 10-JUN-1998 JP 1999501141
PF 10-JUN-1997 AU PO 7268
PI PETER ROBERT SCHOFIELD, PHILIP BOWDEN MITCHELL, PI JACQUELINE ADAMS
PC C12Q1/68
CC
FH Key Location/Qualifiers
FT source 1..20
FT source 1..20
FT source 1..20
                                                                                                                                                              7356 CATTGTGAAATTATCCCAG 7374
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       BD011036 20 bp
HIV probe for use in solution p
BD011036 GI:18639409
BD011036.1 GI:18639409
JP 2001069997-A/56.
unidentified
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Schofield, P.R., Mitchell, P.B. and Adams, L.J.
Methods for diagnosing and assessing a predi
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent: JP 2001500745-A 6 23-JAN-2001;
THE GARVAN INSTITUTE OF MEDICAL RESEAR
OS Homo sapiens (human)
PN JP 2001500745-A/6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Methods for diagnosing and affective disorder.
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JP 2001500745-A/6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (human)
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source
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                                                                                                                                                                                                                                                                                                          /organism='Homo
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.2e+03;
0; Mismatches 3
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Pred. No. 2.2e+03;
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                                                              sandwitch hybridization assay
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KEYWORDS
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BD012273/c
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Best Local Similarity
Matches 16; Conserv
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pN JP 200106997-A/56
pD 21-MAR-2001
pF 02-AUG-2001 JP 2000235019
pF 02-AUG-2000 JP 2000235019
pR 23-DEC-1991 US 813583
PI BRUCE D IRVINE, JANICE A CORBERG, MICHAEL S ADAIR PC C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/569//(C12Q1/68, PC C12R1:92), CC C12R1:92), CC C12R1:92), CC C12R15/00
pC C12N15/00
pC C12N15/00
pC C12N15/00
pC C12N15/00
pC C12N15/00
pC Strandedness: Single;
pC Topology: Linear;
pC To
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PN WO
PD 08-
PF 28-
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Ota, T., Isogai, T., Nishikawa, T., Hayashi, K., Saito, K., Yamamoto, J., Ishii, S., Sugiyama, T., Wakamatsu, A., Nagai, K., Otsuki, T., Yano, K., Murakami, K., Kanzaki, K., Inoue, Y., Hashimoto, E. and Kashima, A. Murakami, K., Kanzaki, K., Inoue, Y., Hashimoto, E. and Kashima, A. A novel gene encoding a serine protease-linke protein Patent: WO 0109349-A 40 08-FEB-2001; HELIX RESEARCH INSTITUTE, TOSHIO OTA, TAKAO ISOGAI, TETSUO NISHIKAWA, KOJI HAYASHI, KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII, OMOYASU SUGIYAMA, AI WAKAMATSU, KEIICHI NAGAI, TETSUJI OTSUKI, KAZUHIRO YANO, OJI MURAKAMI, KOJI KANZAKI, YOSHIHISA INOUE, EMI HASHIMOTO, AKIKO
                                                                                                                                                                                                                      PD 08-FEB-2001

PF 28-JUL-2000 MO 2000JP005062

PF 28-JUL-1999 MO 2000JP005062

PR 29-JUL-1999 JP 99P 248036,27-AUG-1999 JP 99P 300253 PR

11-JAN-2000 JP 00P 118776,02-MAY-2000 JP 00P 183767 PR

11-JAN-2000 JP 00P 118776,02-MAY-2000 US 60/183322 PI TOSHIO

18-OCT-1999 US 60/159590,17-FEB-2000 US 60/183322 PI TOSHIO

OTA,TAKAO ISOGAI, TETSUJO UISHIKAMA, KOJI HAYASHI PI KAORU SAITO,

PI JUNICHI YAMAMOTO, SHIZUKO ISHII, TOMOYASU SUGIYAMA, AI WAKAMATSU,

PI KRIICHI NAGAI, TETSUJI OTSUKI, KAZUHIRO YANO, KOJI MURAKAMI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 20)
1 (bases 1 to 20)
1 (rine, B.D., Corberg, J.A. and Adair, M.S.
HIV probe for use in solution phase sandwitch hybridization assay
Patent: JP 2001069997-A 56 21-MAR-2001;
CHIRON CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
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                                                                        G01N33/573,
                                                                                                                                                                                              KOJI KANZAKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus (house mouse)
                                                                                                             YOSHIHISA INOUE, EMI HASHIMOTO, AKIKO KASHIMA C12N15/57, C12N9/64, C12N15/63, C12N5/06, C07K16/40, C12Q1/68,
Description of Artificial Sequence:
                                    A61K38/48, A61K31/7052, A61K48/00//C12P21/08, (C12N9/64, C12R1:91)
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.
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SOURCE
ORGANISM
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BD065818/c
LOCUS
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BD016521
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Best Local S
Matches 16
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Best Local S
Matches 16
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Saito,A., Tamatsubo,K. and Adachi,K.
Genes and proteins participating in the up
passage of aromatic polycyclic compound
Patent: JP 2001245662-A 9 11-SEP-2001;
MARINE BIOTECHNOLOGY INST CO LTD
OS Artificial Sequence
PN JP 2001245662-A/9
PD 11-SEP-2001
PF 03-MAR-2000 JP 200059523
PI ATSUSHI SAITO,KAZUAKI TAMATSUBO,KYOKO
PC C12N15/09,C12N9/02,C12N15/00
CC Description of Artificial Sequence: Synthetic Construction of Artific Construction of Artificial Sequence: Synthetic Construction of 
                                                                                                                                                     BD065818
An antisense oligonucleotide p
BD065818
BD065818.1 GI:22611421
JP 2001511000-A/453.
unidentified
unidentified
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1 (bases 1 to 20)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 20015,11000-A 453 07-AUG-2001;
BIOGNOSTIK GESELLSCHAPT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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20 bp DNA linear Genes and proteins participating in the upstream c passage of aromatic polycyclic compound.
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JP 2001245662-A/9.
                                                                                                                                unclassified
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11-SEP-2001
03-MAR-2000 JP 2000059523
ATSUSHI SAITO, KAZUAKI TAMATSUBO, KYOKO ADACHI C12N15/09, C12N9/02, C12N15/00
Description of Artificial Sequence: Synthetic primer Location/Qualifiers.
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Key
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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Pred. No. 2.2e
0; Mismatches
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Pred. No. 2.2e+03;
0; Mismatches 3
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RESULT: 3052
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Best Local Similarity
Matches 16; Conserv
                                                    Matches
                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                           OS Artificial Sequence
PN JP 200137289-A/13
PD 27-MOV-2001
PF 19-MAY-2000 JP 2000148843
PF 19-MAY-2000 JP 2000148843
PI SHIGEMI ITOHARA, TOSHIAKI NAKASHIBA, TOSHIO IKEDA, HAJIME PI TASHIRO, TASUKU HONJO
PC C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20
                                                                                                                                                                                                                                                                                                                                                                                             artificial sequences.
1 (bases 1 to 20)
Itohara, S., Nakashiba, T., Ikeda, T.,
Membrane-bound netrin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CC PR PR PO OS
                                                                                                                                                                        SSSSEE
                                                                                                                                                                                                                                                                                                                                                                    Patent: JP 2001327289-A 13 27-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                    synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JP 2001327289-A/13.
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 GGAAATGCTGGGGATACAG
                          GGACATGCGGGGGAAACAG
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JP 2001511000-A/453
07-AUG-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.
                                                                                                                                                                                                 CI2P21/08,
CI2N15/00,CI2N5/00,A61K37/02
CI2N15/00,CI2N5/00,A61K37/02
CI2N15/00,CI2NF/00,A61K37/02
                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Unknown'
                                                                                                                                                     /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2001523096-A/13.
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JP 2001321190-A/1302
20-NOV-2001
                                                                            Description of Artificial Sequence:Synthetic DNA Location/Qualifiers
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                                          /organism='Artificial
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JP 2001321190-A/1636.
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JP 2001321190-A/1412.
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A method of arraying genome clone Patent: JP 2001321190-A 1636 20-NOV-2001;
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Patent: JP 2001321190-A 1412 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2001321190-A/2582.
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JP 2001321190-A/2373.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Loca
Matches
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Best Local Similarity 84.2%;
Matches 16; Conservative
              Query Match
Best Local S
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PD 20
PD 12-
PF 12-
PC C12N15,
CC 2012N16,
CC C12N160,
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 l Similarity
16; Conserv
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synthetic construct
artificial sequences.

1 (bases 1 to 20)
Nyers, A.M. and James, M.G.
pull1 coding for a novel starch synthase and uses
Patent; JP 2001525604-A 8 20-NOV-2001;
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               N
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Patent: JP 2001321190-A 2582 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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artificial sequences.
1 (bases 1 to 20)
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0.2%;
nilarity 84.2%;
Conservative
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12-NOV-1997 US 08/968542
ALAN M MYERS, MARTHA G JAMES
                                                                                                                                                                  Primer du-R1 used to amplify Du1 mRNA Key Location/Qualifiers
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JP 2001522604-A/8
20-NOV-2001
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JP 2001321190-A/2582
20-NOV-2001
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Location/Qualifiers
                                                                                                                        Location/Qualifiers
                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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0; Mismatches
Score 14.2; DB 1
Pred. No. 2.2e+03
0; Mismatches
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BD091431
LOCUS
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BD091630/c
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Best Local Similarity
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OS Artificial Sequence
PN UP 2001523449-A/20
PD 27-NOV-2001
PF 18-NOV-1998 IP 97120190.0,02-MAR-1998 EP 98103596.7 PI
BERNHAND HERRMANN, BIRGIT KOSCHORZ, ANDREAS KISPERT PC
C12N15/09,A01K67/027,A61K31/7088,A61K38/45,A61K39/395,A61K48/ PC
00,A61P15/16,
C1201/68/A61K35/12,C12N1/19,C12N1/21,C12N5/10,C12N9/12 PC
C1201/68/A61K35/12,C12N1/19,C12N1/21,C12N5/10,C12N9/12 PC
C1201/68/C12N15/00,A61K37/52,C12N5/00
CC Description of Artificial Sequence: synthetic no-natural CC
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Process for producing L-lysine
Patent: WO 0153459-A 1 26-JUL-2001;
AJINOMOTO CO INC, KAZUO NAKANISHI, YOSHIMI KIKUCHI, JUNICHIRO KOJIMA,
TOMOKO SUZUKI, YASUSHI NISHIMURA, HIROYUKI KOJIMA
OS Artificial Sequence
PN WO 0153459-A/1
                                                                                                                                                                                                                               20 bp Process for producing L-lysine.
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Herrmann, B., Koschorz, B. and Kispert, A.
Nucleic acids involved in the responder phenotype
                                                                                                        artificial sequences.

1 (bases 1 to 20)

Nakanishi,K., Kikuchi,Y., Kojima,J.,
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WO 0153459-A/1.
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JP 2001523449-A/20.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03
0; Mismatches
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and applications
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RESULT 3063
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Best Local Similarity 84.2%;
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OS Artif
PN WO 00
PD 21-DE
PF 15-JU
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PD 26-JUL-2001

PF 21-JAN-2000 WO 2000JP000298

PI KAZUO NAKANISHI, YOSHIMI KIKUCHI, JUNICHIRO

KOJIMA, TOMOKO SUZUKI,

PI YASUSHI NISHIMURA, HIROYUKI KOJIMA
PC C12N1/21, C12P13/08//(C12N1/21, C12R1:19), (C12P13/08, C12R1:19)

PC C12N1/21, C12P13/08//(C12N1/21, C12R1:19), (C12P13/08, C12R1:19)

CC Primer for amplification of a promoter portion of tet FH K
                                  Method for detecting HIV-1.
BD106918
 BD106918.1 GI:23201736
JP 2002000277-A/26.
                                                                                                                                                                                                                                                                                                                                                                   PF 15-JUN-2000 WO 2000JP003896
PF 15-JUN-1999 JP 99P 167736,01-FEB-2000 JP 00P 023581 PI SHINGO KAPO, YOSHIO KOBAYASHI, YOSHIYUKI HIRAISHI, KAYOKO SHIMIZU, PI TETSUYOSHI SUGITA PC C12N15/48,C12Q1/68,C12Q1/70,G01N33/569,G01N33/50 CC Description of Artificial Sequence: synthetic DNA FH Key Location/Qualifiers.
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WO 0077219-A/26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A method for HIV-1 subtyping. BD093028
                                                                   BD106918
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1 (bases 1 to 20)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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Pred. No. 2.2e+03;
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Best Local Similarity
Matches 16; Conserv
                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Method for detecting HIV-1
Patent: JP 2002000277-A 26 0
KEIO UNIV
OS Artificial Sequence
PN JP 2002000277-A/26
PD 08-JAN-2002
PF 28-JUN-2000 JP 20001949
PI SHINGO KATO
CC Description of Artificial
                                                                                                                                                                                                               Method: of incubating microplate
Patent: JP 200202749-A 2 23-JAN-2002;
FUJIREBIO INC
OS Artificial Sequence
SN JP 200202749-A/2
PD 23-JAN-2002
PD 23-JAN-2002
PF 07-JUL-2000 JP 2000206033
PI KEN ANDO
PC G01N35/00,G01N1/28,G01N33/543//C12M1/00,C12N15/09,G01N1/28,
C12N15/00
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JP 2002022749-A/2.
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1 (bases 1 to 20)
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TTCTTTGGAGAAAGTGGTG 20
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                                                                                                                                                                                          Nucleic acid for probe hybridization Location/Qualifiers
                                                 Conservative
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Description of Artificial Sequence:synthetic DNA FH
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                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                    /organism='Artificial
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e
0; Mismatches
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Pred. No. 2
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RESULT 3065

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XIANG,
PI DIR VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT
C12Q1/68, C07H21/00, C07F9/24
CC Strandedness: Single;
CC Topology: Unknown;
                                                                                                                                                                                                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)

1 (bases 1 to 20)

Koster,H., Little,D.P., Braun,A., Lough,D.M., Xi
Boom,D.V.D., Jurinke,C. and Rupert,A.

DNA diagnosis method based on mass spectrometry
Patent: JP 2002507983-A 114 12-MAR-2002;
SEQUENOM INC
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C12Q1/68, C07H21/00, C07F9/24
CC Strandedness: Single;
CC Topology: Unknown;
FH Key. Location
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synthetic construct
artificial sequences.

1 (bases 1 to 20)

1 (bases 1 to 20)

Koster, H., Little, D.P., Braun, A., Lough, D.M., Xi
Boom, D.V.D., Jurinke, G. and Rupert, A.
DNA diagnosis method based on mass spectrometry
Patent: JP 2002507883-A 63 12-MAR-2002;
SEQUENOM INC
                                                                                                                                          PN JP 2002507883-A/114

PD 12-MAR-2002

PD 06-MOV-1997 JP 1998521832

PP 06-NOV-1996 US 08/744481,06-NOV-1996 US 08/746036

PR 06-NOV-1996 US 08/746055,06-NOV-1996 US 08/744590 PR
23-JAN-1997 US 08/786988,23-JAN-1997 US 08/787639 PR
19-SEP-1997 US 08/933792,08-CCT-1997 US 08/947801 PI
19-SEP-1997 US 08/947801 PI
19-SEP-1998 US 08/947801 PI
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PD 12-MAR-2002

PF 06-NOV-1997 JP 1998521832

PF 06-NOV-1996 US 08/744481,06-NOV-1996 US 08/74

06-NOV-1996 US 08/746055,06-NOV-1996 US 08/744590

03-NOV-1996 US 08/786088,23-7AN-1997 US 08/787639

19-SEP-1997 US 08/933792,08-CCT-1997 US 08/947801

19-SEP-1997 US 08/933792,08-CCT-1997 US 08/947801
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DNA diagnosis method based on
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03
0; Mismatches
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Best Local S
Matches 16
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Best Local &
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PN 12-MAR-2002
PP 06-NOV-1996 1
PR 06-NOV-1996 US
06-NOV-1996 US
23-JAN-1997 US
19-SEP-1997 US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.

1 (Dases 1 to 20)

KOster, H., Little, D.P., Braun, A., Lough, D.M., Xiang, Boom, D.V.D., Jurinke, C. and Rupert, A.

DNA diagnosis method based on mass spectrometry Patent: JP 2002507883-A 279 12-MAR-2002;
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BD132347.1 GI:23227292
JP 2002507883-A/279.
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                                   synthetic construct synthetic construct
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BD132399.1 GI:23227344
JP 2002504805-A/11.
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          artificial sequences.
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12-MAR-2002
06-NOV-1997 JP 1998521832
06-NOV-1996 US 08/744481,06-NOV-1996 US
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M.F., Hahn, H., Wicking, C.,
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                                                                                                    cell carcinoma tumor
                                                                                                                                                                                                                                                                               organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"
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S 08/786988,23-JAN-1997 US
S 08/933792,08-OCT-1997 US
P LITTLE,ANDREAS BRAUN,DAVID
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Pred. No. 2.2e
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Pred. No. 2.2e+03
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 Christiansen, J.,
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08/787639 PR
08/947801 PI
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LOUIS ASADA, KUNOSHII Sequence

10-JAN-2002

PF 04-JUL-2001 WO 2001JP005783

PR 05-JUL-2000 JP 00P 204177, 26-APK
JUNICHI MINENO, EDY MEIYANTO, NORIHIRO IS)

KIYOZO ASADA,

PI KUNOSHIN KATO
PC C12Q1/68, C12P19/2
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                                                                                                                                                                                                                                                                            artificial sequences.

1 (bases 1 to 20)

Mineno, J., Meiyanto, E., Ishida, N., Takeya, T., Asada, K. and Kato, Mineno, J., Meiyanto, E., Ishida, N., Takeya, T., Asada, K. and Kato, A highly sensitive method for detecting nucleic acids Patent: WO 0202814-A 37 10-JAN-2002;
TAKARA SHIZO CO LTD, JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA, TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BD141127.1 GI:23236072
WO 0202814-A/37.
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PF 16-MAY-1997 JP 1997541164
PF 17-MAY-1996 US 60/017906,21-MAY-1996 AU PO 07-JUN-1996 AU PO 0363,14-JUN-1996 US 60/019765
MICHAEL FREDERICK DEAN, HEIDI HAHN, CAROL WICKING, JEFFREY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A highly sensitive method BD141127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PI ALISA GÖLDSTEIN, BRANDON WAINWRIGHT, RUNE TOFTGARD, GEORGIA CHENEVIX TRENCH,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Strandedness: Single;
Topology: Linear;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PETER G ZAPHIROPOULOS, MAE R GAILANI, SUSAN SHANLEY, ABIRAMI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IGOR VORECHOVSKY, ERIKA HOLMBERG, ANNE BIRGITTE UNDEN, SUSAN PI
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                      to amplify a portion of
                                                                                                                                    APR-2001 JP 01P
ISHIDA, TATSUO 1
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BD160863
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BD167257
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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Mammalia; Eutheria; Primates; Catarrhini;

1 (bases 1 to 20)

Goto, M., Bag, L. and Furusaki, S.

Method for detecting abarrant gene

Patent: JP 2002171988-A 1 18-JUN-2002;

UIP CO LTD

OS Homo sagiens (human)

PN JP 2002171988-A/1

PD 18-JUN-2002

PF 08-DEC-2000 JP 2000374098

PI MASAHIRO GOTO, LIANCHUN BAG, SHINTARO

C12N15/09, C12Q1/68, C12N15/00

CC Method for detecting abarrant gene

FH Key 1. . 20

PT Source 1. . 20

/organism='Homo sapi
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unidentified
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1 (bases 1 to 20)
1 (bases 1 to 20)
Matsushima, K., Hashimoto, S., Kaneko, S. as
Human liver disease-expressing genes
Patent: JP 2002209591-A 802 30-JUL-2002;
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                                                                                                BD167257.1 GI:27873069
JP 2002209591-A/802.
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Human liver disease-expressing of
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larity 84.2%;
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Location/Qualifiers
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MASAHIRO GOTO, LIANCHUN BAG, SHINTARO FURUSAKI
C12N15/09, C12Q1/68, C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.2e+03;
0; Mismatches 3;
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Pred. No. 2.2e+03;
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BD170405
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TITLE
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Best Local Similarity
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Best Local Similarity
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

CE 1 (bases 1 to 20)

RS Goto,M., Piao,L. and Furusaki,S.

Method of detecting abnormal gene

AL Patent: WO 0246469-A, 1 13-UM-2002;

KYUSHU TLO CO LTD,MASAHIRO GOTO,LIANCHUN PIAO,SHINTARO FURUSAKI

COS Homo sapiens (human)

PN WO 0246469-A/1

PD 13-UM-2002

PF 10-DEC-2001 WO 2001JP010784

PR 08-DEC-2000 JP 00P 374098

PI MASAHIRO GOTO,LIANCHUN PIAO,SHINTARO FURUSAKI PC

C1201/68//C12N15/10

C1201/68//C12N1
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OS ARTIFICIAL Sequence
PN JP 2002209591-A/802
PD 30-JUL-2002
PD 30-JUL-2001
PF 19-JAN-2001 JP 2001012328
PF 19-JAN-2001 JP 2001012328
PF KUJI MATSUSHIMA, SHINICHI HASHII
YAMASHITA
PC C12N15/09, C07K14/47, C07K16/18, 0
PC C12N15/00
PC C12N15/00
CC Artificial Sequence: Synthesize
CC Artificial Sequence: Synthesize
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WO 0246469-A/1.
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                             CTTTGAGATTTGTGTTTTGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CTCAGCGCACCATGAAGTT
  CTTTGAGGTGCGTGTTTGT 20
                                                                                                      Conservative
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              05 20 of detecting abnormal
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Location/Qualifiers
                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                               /organism='Homo
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="genomic DNA"
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Pred. No. 2.2e+03
0; Mismatches
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                                                                                                   Score 14.2; D
Pred. No. 2.2e
0; Mismatches
                                                   7325
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RESULT 3073 BD173798

Length 20;

0

Gaps

0

PAT 18-MAR-2003

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Less 1 to 20)

Leda, E.

A method of arraying genome clone
PALEDICHI SOEDA, TAKESHI KUKITA

COMMENT OS Artificial Sequence
PN WO 02072815-A/7
PD 19-SEP-2002
PF 17-MAY-2001 WO 7°
PR 12-MAR-2001 FO EIICHI CCC
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BD176207/c
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AUTHORS
TITLE
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SOURCE
ORGANISM
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ORGANISM
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ACCESSION
VERSION
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DEFINITION
ACCESSION
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Best Local S
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                                   source
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PN WO 02061095-A/13
PD 08-AUG-2002
PP 29-JAN-2002 WO 2002JP000637
PF 29-JAN-2001 JP 01P 022512,22-NOV-2001 JP 01P 358228 PI
ATSUSHI NAKANISHI,YOJI SAGIYA
PC C12N15/55,C12P21/08,C07K16/40,C12N1/15,C12N1/19,C12N1/21 PC
C12N5/10,C12N9/16,
PC A61831/711,A61K38/00,A61K45/00,A61K48/00,A61P9/10,A61P13/12,
PC A61P21/00,
PC A61P25/00,A61F25/28,G01N33/15,G01N22/50
PC A61P25/00,A61P25/28,G01N33/15,G01N22/50
PT SOURCE
PT SOURCE
PT SOURCE

//cganism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1749 GCTGCAGCTCATTATTGTC 1767
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Nakanishi,A. and Sagiya,Y.
Navel protein and DNA thereof
Patent: WO 02061095-A 13 08-AUG-2002;
TAKEDA CHEMICAL INDUSTRIES LTD,ATSUSHI NAKANISHI,YOJI SAGIYA
OS Artificial Sequence
ON WO 02061095-A/13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Novel protein and DNA thereof. BD173798
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WO 02061095-A/13.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
Similarity 84.2%;
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                                                                                                       C12N15/09,C12Q1/68
Description of Artificial Sequence:
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                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism='Artificial Location/Qualifiers
 /organism="synthetic construct"
/mol_type="genomic DNA"
                                              /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.2e+03;
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                                                                                                         Key
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AUTHORS
TITLE
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AUTHORS
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VERSION
KEYWORDS
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BD177501/c
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ORGANISM
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ACCESSION
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KEYWORDS
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BD176416
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                                                                                                         TITLE
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Best Local
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                              3405 CACCTTACCCTTATTCCTC 3423
synthetic construct

M synthetic construct

A strificial sequences.

1 (bases 1 to 20)

Ebara, T. and Nishihashi, S.

Polypeptide suitable for controlling insec
polynucleotide encoding the same
Patent: JP 2002306177-A 10 22-CCT-2002;

DAINIPPON INK AND CHEMICALS INC

OS Artificial Sequence
PN JP 2002306177-A/10

PD 22-CCT-2002

PF 13-APR-2001 JP 2001115754
                                                                                                                                                                                                                         20 bp DN Polypeptide suitable for controlling polynucleotide encoding the same. BD177501
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                                                                                                                                                                                                                                                                                                                                                                                                           16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A method of arraying genome clone
Patent: WO 02072815-A 216 19-SEP-2002;
EIICHI SOEDA,TAKESHI KUKITA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   synthetic construct
synthetic construct
artificial sequences.
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JP 2002306177-A/10.
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BD176416.1 GI:29122124
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A method of arraying genome clone.
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Similarity 84.2%;
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WO 02072815-A/216
19-SEP-2002
17-MAY-2001 WO 2001JP004139
12-MAR-2001 JP 01P 68285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C12N15/09,C12Q1/68
Description of Artificial Sequence: Synthetic DNA FH Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism='Artificial Sequence'
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/db_xref="taxon:32630"
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Pred. No. 2.2e+03
0; Mismatches
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Pred. No. 2.2e+03
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                                                                                                      controlling insects
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
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                                                                                                                                                                                                                                                         insects
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Length

Key

Indels

<u>,,</u>

Gaps

0,

linear PAT 16-A

of Scarabaeidae and

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RESULT 3078
BD184313/c
LOCUS
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AUTHORS
TITLE
JOURNAL
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SOURCE
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BD177524
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         ACCESSION
                               DEFINITION
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Best Local Similarity
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Best Local Similarity
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PC C12N11/09, A01N63/00, A01N63/00, C07K14/32, C12N1/15, PC
PC C12N1/12, C12N5/10, C12N5/10, C12Q1/68, C12N15/00, C12N='^^
PC 00
CC Description of Artificial Segman--
FH Key
FT Source
                                                                                                                                                                                                              source
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                                                                                                                                                                                                                                3276 TTAAGAAGAAAATGAAAC 3294
                                                                                                                 2052 AGGCAGTATGGATGCCCAC 2070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19
viruses.
BD184313
BD184313.1
                                                                                             N
                              BD184313
Method and detector
                                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
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JP 2002306021-A/6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 Transgenic mouse and method c BD177524
                                                                                                                                                                                                                                                                                                                                                                                             Kamei,Y. and Kakizuka,A.
                                                                                                                                                                                                                                                                                                                                                                                                     (bases 1 to 20)
                                                                                             AGGGACTATGGATGCCTAC 20
                                                                                                                                                                                                                                    C12Q1/66,
(C12Q1/02,C12R1:91),C12N15/00
(C12Q1/02,C12R1:91),C12N15/00
Transgenic mouse and method of screening antiobestic drug
Location/Qualifiers
                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                              06-APR-2001 JP 2001108629
YASUTOMI KAMEI,AKIRA KAKIZUKA
AOIK67/027,A01K67/00,C12N15/09,C12Q1/02,G01N33/15,G01N33/50//
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                                                                                                                                                                                                                       /organism='Artificial
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
 GI:31876513
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Pred. No. 2.2e
0; Mismatches
                                                                                                                                               Score 14.2; DB 1;
Pred. No. 2.2e+03;
                                                                                                                                        Mismatches
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artificial sequences.

CE 1 (bases 1 to 20)

CE 20)

CE 20 (cite of the construction 
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 (bases 1 to 70)

1 (bases 1 to 20)

2 (bases 1 to 20)

1 (base
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08-MAY-1991 US 6973
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JP 2003009891-A/147
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                AUTHORS
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1 (bases 1 to 20)

B 1 (bases 1 to 20)

S Addir, M.S., Cha, T., Irvine, B., Kolberg, J. and Beal, E.

HCV Genomic Sequences For Diagnostics And Therapeutics

L Patent: JP 2003009892-A 147 14-JAN-2003;

Chiron Corporation

OS Artificial Sequence
PN JP 2003009892-A/147

PD 14-JAN-2003

PF 10-MAY-2002 JP 2002134999

PR 08-MAY-1991 US 697326

PI michael s adair, tai-ann cha, bruce irvine, janice kolbe
synthetic construct

synthetic construct

artificial sequences.

E 1 (bases 1 to 20)

S Adair,M.S., Cha,T., Beal,E., Irvine,B. and Kolberg,J.

HCV Genomic Sequences For Diagnostics And Therapeutics

Patent: JP 2003009893-A 147 14-JAN-2003;

Chiron Corporation
OS Artificial Sequence
PN JP 200300993-A/147

PD 14-JAN-2003

PP 10-MAY-2002 JP 2002135000

PR 08-MAY-1991 US 697326

PI michael s adair,tai-ann cha,eileen beal,bruce irvine,
PI kolberg
CC synthetic construct
FH Key Location/Qualifiers.
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BD189467.1 GI:32999206
JP 2003009893-A/147.
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HCV Genomic Sequences For
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BD189320.1 GI:32999059
JP 2003009892-A/147.
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HCV Genomic Sequences For
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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0; Mismatches 3
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Pred. No. 2.2e+03
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BD217345/c
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BD196010/c
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Escherichia coli

SM Escherichia coli

Bacteria; Proteobacteria; Gammaproteobacteria; Ent
Enterobacteriaceae; Escherichia.

1 (bases 1 to 20)

S Wright, J.A.; Young, A.H. and Dugourd, D.
Antisense oligonucleotide sequences as inhibitors
Patent: JP 2002514093-A 41 14-MAY-2002;
GENESENSE TECHNOLOGIES INC
OS Escherichia coli
PN JP 2002514093-A/41
PD 14-MAY-2002
PF 10-JUL-1998 JP 1999507930
PR 10-JUL-1998 JP 1999507930
PR 10-JUL-1998 JP 1999507930
PR 10-JUL-1997 US 60/052160
PI JM A WRIGHT, AIPING H YOUNG, DOMINIQUE DUGOURI
                                                                                                                                                                                                                                                                     1443 GCTGCCGGCGCCCATCTTG 1461
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                                                                                                BD217345
Method of quantifying hyp
BD217345
BD217345.1 GI:33027115
JP 2002519012-A/21.
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              Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; 1 (Dases 1 to 20)
Lalouel, J.M. and Jeunemaitre, X.
                                                                       Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N
Method of quantifying hypertensive constitution
                                                                                                                                                                                                                                                                                                                                                                                                                                         332
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Similarity 84.2%;
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Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JP 2002514093-A/41
14-MAY-2002
10-JUL-1998 JP 199507930
10-JUL-1997 US 60/052160
JIM A WRIGHT, AIPING H YOUNG, DOMINIQUE DUGOURD PC
                                                                                                                                                                                                                                                                                                      Conservative
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                            /organism="Escherichia coli"
/mol_type="genomic DNA"
/db_xref="taxon:562"
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Pred. No. 2.2e+03
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Pred. No. 2.2e+03;
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                                              Hominidae;
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RESULT 3084
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Best Local S
Matches 16
   Query Match
Best Local Similarity
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nes 16; Conserv
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S Keating, M.T., Sanguinetti, M.C., Karan, M.E., Landes, G.M., Connors, T.D., Burn, T.C. and Splawski, I.

Connors, T.D., Burn, T.C. and Splawski, I.

KVLQT1-QT extension syndrome

L Patent JP 2002521045-A 27 16-JUL-2002,
UNIVERSITY OF UTAH RESEARCH FOUNDATION, GENZYME CORP

OS Homo sapiens (human)
PN JP 2002521045-A/27
PD 16-JUL-2002
PF 12-MAY-1999 JP 2000562052
PF 12-MAY-1999 US 60/994477,17-AUG-1998 US 09/135010
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UNIVERSITY OF UTAH RESEARCH FOUNDATION
OS Homo sapiens (human)
PN JP 2002519012-A/21
PD 02-JUL-2002
PF 15-APR-1999 JP 2000557000
PF 15-APR-1999 JP 2000557000
PF 29-JUN-1998 US 09/106216
PR 29-JUN-1998 US 09/106216
PR 29-JUN-1998 US 07/106216

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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29-JUL-1998 US 60/094477,17-AUG-1998 US 09/135010
T KEATING,MICHAEL C SANGUINETTI,MARK E KARAN,GREGORY M
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29-JUN-1998 US 09/106216
JEAN MARC LALOUEL, XAVIER JEUNEMAITRE
C12Q1/68, C12N15/09, C12N15/00
Method of quantifying hypertensive constitution
Location/Qualifiers
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                                                                                                                                                                                                          /organism='Homo sapiens
                                                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.2e+03;
0; Mismatches 3
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Score 14.2; DB 1;
Pred. No. 2.2e+03;
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VERSION
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AB068167/c
LOCUS
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AB068715/c
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Best Local
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Local Similarity 84.2%;
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AB068715
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AB068167
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                         Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H. Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., and Soeda,E.
                                                                                                                                                                                                               AB068715
Synthetic construct DNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School Submitted (Notecular Pathology; 2-1 Seiryomachi, Abba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A BAC-based STS-content map spanning a 35-Mb chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Chen, Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.
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chromosome 1p35-p36
                                                                                                                       synthetic
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                                                                                                         artificial
                                                                                                                                    synthetic construct
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               BAC-based STS-content
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sts-stSG31866 obtained from clones B135EL, B135I1, B6
B143Fl1, B380E2, B154M16, B154C10, Human BAC library
RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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            spanning a 35-Mb
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for human
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                                                                                                                                                                                                                                                         Submitted (04-AUG-2001) Akira Horii, Tohoku University Sch Medicine, Molecular Pathology; 2-1 Seiryomachi, Abba-ku, S Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Synthetic construct DNA,
1p36.
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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16; Conserv
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Genomics 74 (1), 55-70 (2001)
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Similarity 84.2%;
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sts-R101N12R obtained from clones B89E1, B89G1, B35001,
B101N12, Human BAC library RPCI-11"
                                                                                                           /note="forward primer for human STS sts-R17J5R at sts-R17J5R obtained from clones B100A7, B338G12, BB17J5, B288M8, Human BAC library RPCI-11"
                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Fand Soeda, E.
  16;
                                                                                                           DNA sequencing by parallel oligonucleotide Patent: US 5750341-A 5 12-MAY-1998;
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Macevicz, S.C.
                                                                                                                                                               Unclassified.
                                                                                                                                                                          Unknown
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AR006858
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Synthetic construct DNA,
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/organism="unknown"
/mol_type="unassign

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                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="reverse primer for human STS sts-R-361F7F at 1p36 sts-R-361F7F obtained from clones B250F6, B296O1, B361F7,
                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db_xref="taxon:32630"
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              0.2%;
                                                     _type="unassigned
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Score 14.2; DB 1;
Pred. No. 2.3e+03;
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Location/Qualifiers
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Sequence 5 from
AR080896
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Macevicz, S.C.
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5 from AR173726
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ilarity 84.2%;
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                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
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                                                                  GI:412104
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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A18195/c
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                             Query Match 0.2%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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artificial sequences.
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A18195
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Location/Qualifiers
                                                                                                                                NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH X-LINKED SYNDROME, CORRESPONDING PEPTIDE SEQUENCES, DIAGNOSTIC PATENT: WO 9307267-A 8 15-APR-1993;
Location/Qualifiers
                                                                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
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Artifical DNA for oligonucleotide
A23839
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Patent: WO 9113158-A 32 05-SEP-1991;
Location/Qualifiers
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                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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BamH1 site seq ID No:27.
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HSV primer.
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Sequence 1
AR004347
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Sequence
A37883
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1 (bases 1 to 21)
Renard, A. and Thiry, M.
                                                                                                                                                                         l Similarity
16; Conserv
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BIOTEKNOLOGISK INST (DK)
Other publication AU 5108193 940426.
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Petersen,S., Hansen,O.C., Riemann,H.K. and Nielsen,L.B.
RECOMBINANT MUTANT PASTEURELLA MULTCCIDA PROTEIN AND PROCESS FOR
                                                                                                                                                                                                                                                                                                                                                                                          unidentified
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                       AR004347.1
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3 from Patent WO9408011.
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                              from patent US
                        GI:3965226
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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AR019223
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AR011663/c
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Sequence 8 1
AR011663
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Sheridan, P., Chang, C.-A., Running, J. and Urdea,
Nucleic acid probes immobilized on polystyrene
Patent: US 5747244-A 1 05-MAY-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
                                                                           1 (bases 1 to 21)
Kellogy,J.Anne. and Bestwick,R.Keith.
Plant tissue/stage specific promoters
transgense in plants
Patent: US 5783393-A 19 21-JUL-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 21)
Petit, C., Claverie, J.-M., Levilliers, J., and Lutfalla, G.
                                                                                                                                                                                             AR019223
Sequence 19 from patent
AR019223
AR019223.1 GI:3974337
                                                                                                                                                             Unknown
                                                                                                                                                                      Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                                              applications therefrom Patent: US 5763166-A 8 09-JUN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gene associated with X linked Kallmann
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Similarity 84.2%;
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/mol_type="unassigned DNA"
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Pred. No. 2.
          Score 14.2; DB 1;
Pred. No. 2.3e+03;
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AR026568/c
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Matches 16
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Best Local Similarity 76.2%;
Matches 16; Conservative
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Sequence 31
AR026568
                                                                                                                                                                                                                                                     1 (bases 1 to 21)
Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences
Patent: US 5856103-A 31 05-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        l (bases 1 to 21)
Cantor,C.R., Przetakiewicz,M., Smith,C.L. a
Method for replicating an array of nucleic
Patent: US 5795714-A 30 18-AUG-1998;
Location/Qualifiers
                  Unknown
                                                             AR029926
Sequence 115 from patent
AR029926
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Sequence 30 from patent US
AR023505
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                            Unknown.
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(bases 1 to
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/mol_type="unassigned DNA"
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Pred. No. 2.3e
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Wang,C.-G. and Hepburn,A.G.

Genetic sequence assay using DNA triple
Patent: US 5861244-A 118 19-JAN-1999;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.

1 (bases 1 to 21)

1 (bases 1 to 21)

Wang,C.-G. and Hepburn,A.G.

Genetic sequence assay using DNA triple

Fatent: US 5861244-A 117 19-JAN-1999;

Location/Qualifiers
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16; Conserv
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16; Conserv
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                                                                                                                                                                                           Unknown
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llarity 84.2%;
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/mol_type="unassigned DNA"
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; Pred. No. 2.3e
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Pred. No. 2.3e+03;
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AR052442
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Sequence 34
AR049731
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16; Conserv
1 (bases 1 to 21)
Mojsov,S. and Wei,Y.
Receptor for peptide hormones involved in
method and compositions for use thereof
Patent: US 5831051-A 6 03-NOV-1998;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 21)
Tsujimoto, M., Iwasa, F., Tsuruoka, N., Nakazato, H., Miura, K., Ishida, N., Kurihara, T., Yamaichi, K. and Yamaguchi, N. Antibodies specific for megakaryocyte differentiation factor Patent: US 5831030-A 27 03-NOV-1998;
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AR052442
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Patent: US 5824770-A 34 20-OCT-1998;
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Georgopoulos, K.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR061900
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                                                                                                                                                          1 (bases 1 to 21)
Bennett, C.Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 5843738-A 36 01-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                                        Unknown
 AR073030
                                                                                                                                                                                                                                 Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: US 5843661-A 31 01-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Method for construction universal DNA based
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ilarity 84.2%;
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/mol_type="unassigned
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Tsujimoto, M., Iwasa, F., Tsuruoka, N., Nak
Ishida, N., Kurihara, T., Yamaichi, K. and
Megakaryocyte differentiation factor
Patent: US 5972886-A 27 26-OCT-1999;
                                                                                                                                               Sequence 48 from patent US AR083984
                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of Elk-1 expression
Patent: US 5948680-A 3 07-SEP-1999;
Location/Qualifiers
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AR073030
                                            1 (bases 1 to 21)
Loosmore, S.M., Du,R.-P., Wang,Q., Yang,Y.-P.
Lactoferrin receptor genes of Moraxella
Patent: US 5977337-A 48 02-NOV-1999;
                                                                                                              Unknown.
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/organism="unknown"
/mol_type="unassion"
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/mol_type="unassigned DNA"
                                 ocation/Qualifiers
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/mol_type="unassigned
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 _type="unassigned DNA"
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and Yamaguchi
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RESULT 3115
AR107562
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AR104739
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AR105561
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                                                                                                                                     l Similarity
16; Conserv
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Bennett, C. Frank., Mirabelli, C.K. and Baker, B.
Antisense modulation of cell adhesion molecule-treatment of cell adhesion molecule-associated
Patent: US 6096722-A 36 01-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 21)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell a
Patent: US 6093811-A 36 25-JUL-2000;
Location/Qualifiers
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llarity 84.2%;
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AR123223
AR123223.1
                                                                                                                                                                                                                                                                                                                                     l Similarity
16; Conserv
                                                                                                                                                                                                          Sequence
AR129016
                                                                                         1 (bases 1 to 21)
Gray, D.M. and Clark, C.L.
Apparatus and method for selectively ranking sequences for antisense targeting
Patent: US 6183966-A 31 06-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 21)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonuclectide inhibition of cell adhesion
Patent: US 6169079-A 36 02-JAN-2001;
                                                                                                                                                           Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Antisense inhibition of G-alpha-S1 expression Patent: US 6110664-A 2 29-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 21)
Cowsert, L.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unknown
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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          0.2%;
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Score 14.2; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 3;
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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6183966.
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AR138736/c
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AR174556/c
REFERENCE
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                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 21)

1 (bases 1 to 21)

Georgopoulos,K.

Ikaros: A T cell pathway regulatory gene
Patent: US 6228611-A 34 08-MAY-2001;

Focation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                AR149625
Sequence 34
AR149625
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Sequence :
AR138736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Housman,D.E., Ledley,P.D. and Stanton,V.P. Jr.
Inhibitors of alternative alleles of genes encoding
mediate cell response to environmental changes
Patent: US 6200754-A 34 13-MAR-2001;
Location/Qualifiers
            Unknown.
Unclassified.
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 1 (bases 1 to
                                    Unknown.
                                                          AR174556.1
                                                                      Sequence 11
AR174556
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16; Conservative
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/mol_type="unassigned DNA"
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84.2%; Pred. No. 2.3e+03;
bive 0; Mismatches 3;
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AR174594/c
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                                                         synthetic construct

SM synthetic construct
artificial sequences.

E 1 (bases 1 to 21)

E 1 (bases 1 to 21)

S Hooker, B.S., Gao, J., Anderson, D.B. and Dai, Z.

Transgenic plant-origin human blood coagulation factor

Transgenic plant-origin human blood;

D patent: JP 2002514433-A 2 21-MAY-2002;

BATTELLE MEMORIAL INSTITUTE

OS Artificial Sequence
PN JP 2002514433-A/2
PD 21-MAY-2002

PF 14-MAY-1999 US 09/080003, 06-MAY-1999 US 09/3068

PR 14-MAY-1999 US 09/080003, 06-MAY-1999 US 09/3068
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PF 14-MAX-1999 JP 2000548490
PR 14-MAY-1998 US 09/080003,06-MAY-1999 US 09/306847 PI
BRIAN S HOCKER, JIANWEI GAO, DANIEL B ANDERSON, ZIYU DAI PC
C12N15/09,A01H5/00,A61K38/36,A61K38/48,A61P7/04, PC
A61P43/00,
PC C07K14/745.C12P21/00
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                                                                                                                                                                                                                                                                                      Transgenic plant-origin human BD227012
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 21)
Novak, J.E., Presnell, S.R.,
Gross, J.A., Johnston, J.V.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 51 from patent US 6307024.
AR174594
AR174594.1 GI:17914914
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Hammond, A.K.
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                                                                                                                                                                                                                                                         JP 2002514433-A/2.
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 C07K14/745, C12P21/02, C12N15/00, A61K37/46, A61K37/47, A61K37/475
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.
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Pred. No. 2.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sprecher, C.A., Foster, D.C., Holly, R.D., Nelson, A.J., Dillon, S.R. and
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BD230932/c
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                                                                                                          Pocus
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Best Local S
Matches 16
                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 16; Conserv
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                  ORGANISM
                                                                                                                                                                                                                                                                                                                                                 source
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Local Similarity 84.2%;
hes 16; Conservative
                                                                                                                                                                                                      6104 GCTTTTCTGAGATTGTCTT 6122
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Total ger
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PD 17-SEP-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; 1 (Dases 1 to 21)
Galibert,F. and Andre,C.
                 synthetic construct
synthetic construct
                                           BD237593.1 GI:33047363
JP 2002526062-A/27.
                                                                           Cytokine receptor ZALPHA11.
BD237593
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Canis familiaris
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 artificial sequences.
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Total genome radiation hybrid map of
identification of interesting genes.
                                                                                                                                                                                   GCATTTCAGGGATTGTCTT 3
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                                                                                                                                                                                                                                            Conservative
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13-NOV-1998 US 60/108193
13-NOV-1998 US CATHERINE ANDRE
C12N15/09,C12Q1/68,C12N15/00
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Key Location/Qualifiers
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                                                                                                                                                                                                                                                                                                   /organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
                                                                                                                                                                                                                                                                                                                                                            /organism='Canis familiaris (dog)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                         0.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
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Pred. No. 2.3e+03
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                                                                                                                                                                                                                                           Score 14.2; DB 1
Pred. No. 2.3e+03
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Euteleostomi; Canis.

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RESULT 3125
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ACCESSION
VERSION
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AUTHORS
TITLE
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JOURNAL
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Best Local Similarity 84.2%;
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   FOSTER,
PI STACEY
PI STACEY
PC C12N15
PC C07K14
PC C07K17
PC C12N1/21,
PC C12N1/21,
PC C12N1/21
PC C12N5/21
PC C12
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C12N5/10,
PC C12P2
PC C12N5,
CC O1igo;
FH Key
FT Sourc
                                                                                                                                                                                                                                                                                                                                                                                               Patent: JP 2002537839-A 10 12-NOV-2002;
ZYMOGENETICS INC
OS Artificial Sequence
PN JP 2002537839-A/10
PD 12-NOV-2002
PD 12-NOV-2002
PF 09-MAR-2000 JP 2000603382
PR 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PF 01-JUL-1999 US 60/142013
O1-JUL-1999 US 60/142013
O1-JULIA B NOVAK, SCOTT R PRESNELL, CINDY A SPRECHER, DONALD C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16;
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OS Artificial Sequence

PN JP 2002526062-A/27

PD 20-AUG-2002

PF 23-SEP-1999 JP 2000574143

PF 23-SEP-1998 US 09/159254,09-MAR-1999 US

06-JUL-1999 US 09/347930

PI SCOTT R PRESNELL, DARRELL C CONKLIN, JULIA E

HAMMOND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BD248949
BD248949.1 GI:33058719
JP 2002537839-A/10.
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Patent: JP 2002526062-A 27 20-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novak, J.E., Presnell, S.R., Gross, J.A., Johnston, J.V.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct synthetic construct
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Presnell, S.R., Conklin, D.C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hammond, A.K.
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1 (bases 1 to 21)
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                                                                                                                                                                                                              RÍCHARD D HOLLY, JANE A GROSS, JANET V JOHNSTON, ANDREW J NELSON, STACEY R DILLON, ANGELA K HAMMOND C12N15/09, A61K38/00, A61K45/00, A61P35/00, A61P37/00, C07K14/52, C07K14/53, C07K14/53, C07K16/24, C07K19/00, C12N1/15, C12N1/19, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                       source
                                                                                               Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C12P21/02, C12P21/08, C12Q1/02, G01N33/53, G01N33/566, C12N15/00
                                                                                                                                                   2N5/10, C12P21/02, C12P21/02, G01N33/53, C12N15/00, C12N5/00,
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|mol_type="genomic DNA"
|db_xref="taxon:32630"
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/organism='Artificial Sequence'
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Pred. No. 2.3e+03;
0; Mismatches 3
                                                          location/Qualifiers
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.R. an
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RESULT 3127
BD250646/c
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BD248987/c
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                           DEFINITION
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Best Local Similarity
Matches 16; Conser
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Best Local
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PI RICHA
PI STACEA
PI C12N1
PC C07K1
PC C07K1
C12N1/1
C12N1/2
PC C11N5/
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         BD250646 21 bp DNA linear Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         artificial sequences.
1 (bases 1 to 21)
Novak,J.E., Presnell,S.R.,
Gross,J.A., Johnston,J.V.,
Hammond,A.K.
modulation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PF 09-MAR-2000 JP 2000603382
PR 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
01-JUL-1999 US 60/142013
PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPRECHER, DONALD C PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PN PN PR PR
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                                                                                                                                                                                                                                                                                                      SEFF
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synthetic construct
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Similarity 84.2%;
                                                                                                                                         GGGAGTTGCAACTTCAGTG 4645
                                                                                                               GGAAGTTGCCACTCCAGTG
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                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                           C12N5/10, C12P21/02, C12P21/02, G01N33/53, C12N15/00, C12N5/00, PC
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                                                                                                                                                                                                                                                                                                                                                                                                                       RICHARD D HOLLY, JANE A GROSS, JANET V JOHNSTON, ANDREW J NELSON, STACEY R DILLON, ANGELA K HAMMOND C12N15/09, A61K38/00, A61K45/00, A61P35/00, A61P37/00, C07K14/52, C07K14/53,
                                                                                                                                                                                                                                                                                                                                 Key
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JP 2002537839-A/48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                     source
                                                                                                                                                                                                                                                                                                                                               Oligonucleotide primer ZC5020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2-NOV-2002
                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type≈"genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                      Score 14.2; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 3
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Pred. No. 2.3e+03;
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BD266052/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                           AUTHORS
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OS
PN
PD
PF
HUANG, PAUL KAÉLAN, ERIC
PI S LANDER,
PI DAVID J LOCKHART, TH
PC C1201/68, C12M1/00, C
G01N33/566,
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PC C12N15/00
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PI DOUG
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synthetic construct
artificial sequences.

1 (bases 1 to 21)
1 (bases 1 to 21)
1 (compart, i.m., Baker, B.F., Mcneil, J., Freier, S.M., Sa
Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides
                                                                                                                Universal arrays
Patent: JP 2002539849-A 52 26-NOV-2002;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX INC
OS Homo sapiens (human)
PN JP 2002539849-A/52
PD 26-NOV-2002
PP 27-MAR-2000 JP 2000608794
PF 27-MAR-2000 JP 2000608794
                                                                                  PF 27-MAR-2000 JP 2000608794
PR 26-MAR-1999 US 60/126473,23-JUN-1999
JIAN BING FAN, JOEL N HIRSCHHORN, XIAOHUA
                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 21)

Pan,J.B., Hirschhorn,J.N., Huang,X., Kaplan,P., Lander,E.S., Lockhart,D.J., Ryder,T. and Sklar,P.
                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                          BD266052.1 GI:33075820 JP 2002539849-A/52.
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BD266052
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JP 2002511276-A/200.
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               S LANDER,
DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR
C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G1N33/53,
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C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50,
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Artificial Sequence
JP 2002511276-A/200
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13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 |
CCWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e
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3.3e+03:
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ORGANISM
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E08393
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E05377/c
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                 6211 TGAATAAAAGGTGGGAAAG 6229
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SHIMADZU CORP
OS Artificial gene
OC Artificial sequence; Gene
OC Artificial sequence; Gene
OC Artificial sequence; Gene
OC Artificial sequence; Gene
OF 1993227999-A/6
PN JP 1993227999-A/6
PD 07-SEP-1993
PF 10-FEB-1992 JP 1992030
PF 10-FEB-1992 JP 1992030
PI 0HASHI TETSUO, TADA ATT
PI NISHIMUDA NAOYUKI
PC C1201/68,C1201/04,(C120,CC strandedness; Single;
CC topology; Linear.
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                                                                                              PCR primer for analyzing cDNA growth differentiating factor. E08393
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Ohashi,T., Tada,A., Fukushima,S., Ozaki,H. and Nishimura,N. OLIGONUCLEOTIDE FOR DETECTING ENTEROTOXIGENIC ESCHERICHIA COLI AND
                                                                E08393.1 GI:2176510 JP 1994313000-A/17.
                                                                                                                                             E08393
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PCR primer to detect enterotoxigenic E.coli.
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                                 unidentified
                                              unidentified
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                  unclassified
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                                                                                                                                                                                                                           TGACTAAAAGAGGGGAAAG 2
(bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18-FEB-1992 JP 1992030755
OHASHI TETSUO, TADA ATSUSHI,
NISHIMURA NAOYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                C12Q1/68,C12Q1/04,(C12Q1/04,C12R1:19);
strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Artificial sequence; Genes JP 1993227999-A/6
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Universal arrays
                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.3e+03;
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                                                                                                                              sequences
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                                                                                                                              of human megakaryocyte
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E12687/c
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E 1 (bases 1 to 21)

S Tanida, E., Oue, C., Yagi, S., Hasegawa, A., Kiyozawa, K. and SIALOGLYCOPROTEIN RECEPTOR DERIVATIVE AND ITS USE

L PATENT: JP 1997056380-A 4 04-MAR-1997;
TONEN CORP, INTERNATI REAGENTS CORP, KIYOZAWA KENDOU
OS None
OC Artificial sequences.
PN JP 1997056380-A/4
PD 04-MAR-1997
PF 21-AUG-1995 JP 1995212118
PF 21-AUG-1995 JP 1995212118
PF 21-AUG-1995 JP 1995212118
PF C12N1OA MARCHOOU,
PI TANIDA EMIKO, OUE CHIHARU, YAGI SHINTARO, HASEGAWA KIYOZAWA KENDOU,
PI YANO AKIHIKO
PC C12N15/09,C07H21/04,C07K14/705,C12N1/21,C12N5/10,C1
G01N33/53,
PC G01N33/566,G01N33/576,(C12N1/21,C12R1:19),(C12N5/10,PC C12R1:19),(C12P21/02,C12R1:91);
CC strandedness: Single;
CC topology: Linear;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3500 TGGCACTTAGCTTTGAAGT 3518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FUYUKI,

PI NAKAZATO HI
TSURUOKA NOBUO,

PI YAMAGUCHI M
PC CO7K15/14,A
PC C12R1:91);
CC strandednee
CC topology: L
CC hypothetica
CC anti-sense;
FH Key
FT source
FT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tsujimoto,M., Kurihara,T., Ishida,N., Iwasa,F., Nakazato,H.,
Yamaichi,H., Miura,T., Tsuruoka,N. and Yamaguchi,M.
MEGAKARYOCYTE-PROLIFERATING AND DIFFERENTIATING FACTOR
Patent: JP 1994313000-A 17 08-NOV-1994;
SUNTORY LTD
OS NONE
OC Artificial sequences.
PN JP 1994313000-A/17
PD 08-NOV-1994
PF 16-JUL-1993 JP 1993197752
PR 17-JUL-1993 JP 1993197752
PR 17-JUL-1993 JP 1993197752
PR 17-JUL-1993 JP 1993197752
PR 17-JUL-1993 JP 1993197752
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                                                                                                                                                                                                                                                                                                                                                                                                       E12687
E12687.1 GI:3251519
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FT
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                                                                                                                                                                                                                                                                                                                                       unclassified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%;
Similarity 84.2%;
   G01N33/566,G01N33/576,(C12N1/21,C12R1:19),(C12N5/10,C12R1:91),(C12P21/02,C12R1:19),(C12P21/02,C12R1:91);
strandedness: Single;
topology: Linear;
                                                                                                     C12N15/09, C07H21/04, C07K14/705, C12N1/21, C12N5/10, C12P21/02,
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C07K15/14,A61K37/02,C12N5/10,C12N15/19,C12P21/02,(C12P21/02,C12R1:91);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             anti-sense: Yes;
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hypothetical: No;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note='PCR primer named TP11'
Location/Qualifiers
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Pred. No. 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 21;
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E33611
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Best Local Similarity
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                                                                                                     843 GATGATGCTCAACATTGAT
                                                                                                                                                                                                                                                                                   PATRIK VANON WARREN
PC C12N15/09, A61K31
PC A61K31/00, A61K31
PC A61K31/00, A61K31
PC A61K39/395, A61K3
PC C12N5/10,
PC C12P21/02, C12P21
PC C12N15/00,
PC C12N15/00,
PC A61K37/02, C12N5/
PC C12N15/00,
PC C12N15/00,
PC A61K37/02, C12N5/
PC Key
FT SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19
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Martin, K.R.B., Michael, A.L. and Patrik, V.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PR PR PR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Novel prokaryotic polynucleotide, polypeptide and utilization Patent: JP 1999155586-A 29 15-JUN-1999; SMITHKLINE BEECHAM CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 33226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Staphylococcus aureus
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                                                                                                                                                       Similarity
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                                                                        GATGTTGCTCAACATGAAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     05-AUG-1998 JP 1998255927
05-AUG-1997 US 60/055387
MARTIN KARL RASSERU BURNHAM,MICHAEL ARTHUR LONETTO,
                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                       A61K39/395,A61K39/395,A61K45/00,A61K48/00,C07K14/31,C07K16/12,C12N5/10,
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Location/Qualifiers
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prokaryotic polynucleotide,
                                                                                                                                                                                                                                                                /organism='Staphylococcus
                                                                                                                                                                                                    /organism="Staphylococcus aureus"
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                                                                                                                                                    0.2%;
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                                                                                                                                                      Score 14.2; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2
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de and utilization
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SOURCE
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I15605/c
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PN 1992531
PD 21-SEP-1999
PF 15-OCT-1999
PR 01-OCT-1999
PR 01-OCT-1997
US
09-MAY-1997 US
14-AUG-1997 US
                                                                                                                                                                                                                                          Sequence
I15605
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CC C12N1/19,C12N1/21,C12N5/10,C12N9/12,C12P21/08,(C12N1/19, PC

C12R1184),

PC (C12N1/21,C12R1:19),(C12N9/12,C12R1:19),(C12N9/12,C12R1:84),

PC (C12N9/12,C12R1:91),C12N15/00,A61K37/64,C12N5/00 CC

Strandedness: Single;

CC Topology: Linear;

PH Key Location/Qualifiers

FT Source 1.21

PT Source 1.21
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PR 01-OCT-1996 US 08/724.643,18-APR-1997 US 08/844.419

25-APR-1997 US 08/846.017,06-MAY-1997 US 08/851.843, PR
09-MAY-1997 US 08/854.050,14-AUG-1997 US 08/911.312, PR
14-AUG-1997 US 08/912.951,14-AUG-1997 US 08/915.503 PI
R SECULI, JOCHIMU RINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI
                                                                          1 (bases 1 to 21)
Chashi, T., Tada, J., Fukushima, S., Ozaki, H.,
Shirasaki, Y. and Yamagata, K.
Oligonucleotides for detecting bacteria
Patent: US 5468852-A 19 21-NOV-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MORIN
PI
PC
PC
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Thomas, R.S., Jochimu, R., Toru, N., Karen, B.C. Calvin, B.H. and William, H.A.
Human telomerase catalytic subunit promoter
Patent: JP 1999253177-A 175 21-SEP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E36967.1 GI:13022930 JP 1999253177-A/175.
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                                                                                                                                                                         Unknown.
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                                                                                                                                                                                            Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                   GTGCGCCCTGCCATGTGGA 841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           C12Q1/02,
C12Q1/48,C12Q1/68,G01N33/15,G01N33/48,G01N33/50//C07K14/47, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CALVIN B HAREI, WILLIAM H ANDREWS
C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
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Pred. No. 2.3e+03;
0; Mismatches 3
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I20983/c
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I17278/c
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I20638/c
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I20638
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Eberle,R., Black,D., Scinicariello,F.

Method of detection of herpes B virus

Patent: US 5487969-A 2 30-JAN-1996;

Location/Qualifiers
                                                                                                                                                                                                                             1 (bases 1 to 21)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 5514788-A 56 07-MAY-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                      Unknown.
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           120983.1
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                                                                                                                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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Pred. No. 2.3e+03;
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                         1 (bases 1 to 21)
Ohashi,T., Tada,J., Fukushima,S., Ozaki,Shirasaki,Y. and Yamagata,K.
Oligonucleotides for detecting bacteria
                                                                                                                                                                                                                             21 bp
Sequence 19 from patent US 5525718.
122103
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Reddy, P. M. and Hanna, N.B.
Methods and reagents for cleaving and
Patent: US 5518651-A 1 21-MAY-1996;
Location/Qualifiers
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Ohashi,T., Tada,J., Fukushima,S., Ozaki,H.,
Shirasaki,Y. and Yamagata,K.
Oligonucleotides for detecting bacteria and
                                                                                                                                                                             Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1 from patent US I21018
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                                                                                       Patent: US 5525718-A 19 11-JUN-1996;
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                                   /organism="unknown"
/mol_type="unassigned
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/mol_type="unassigned DNA"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
Score 14.2; DB 1;
Pred. No. 2.3e+03;
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                                                                                                                                                                                                                                                   1 (bases 1 to 21)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 5591623-A 36 07-JAN-1997;
                                                                                                                                                                                                                                                                                                         Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Hoke,G.D., Bradley,M.O., Williams,T.J. and Lee,C.-H.
Antisense oligonucleotides directed against human ICAM-I RNA
Patent: US 5580969-A 3 03-DEC-1996;
          Unknown.
                                         Sequence 3
I43369
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                              143369.1
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 2.3e+03;
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I80870
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                                                                                                   1 (bases 1 to 21)
van den Hurk, J. and Tijssen, P.
Immunogenic composition against Bovine
glycoprotein 53 (BVDV-II gp53)
Patent: US 5709865-A 6 20-JAN-1998;
Location/Qualifiers
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LeBoulch, P., London, I.M. and Tuan, D.
Retroviral vectors for transducing .beta.-globin gene and
.beta.-locus control region derivatives
Patent: US 5631162-A 4 20-MAY-1997;
                                                                                                                                                                                                                               Sequence 6 from patent I80870
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sheridan, P., Chang, C.-A., Running, J. and Urdea, M.S.
Process for immobilizing nucleic acid probes on pol
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                                  Unknown
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Nordlund, J.J. and Farcoqui, J.Z.
Melanogenic inhibitor, and methods of producing and using the same
Patent: US 5719126-A 6 17-FEB-1998;
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Location/Qualifiers
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1 (bases 1 to
Singh, N.A., Lep
                        Unclassified.
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Leppert, M.F. and Charlier, C.
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AR243488
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit: diagnostic and therapeutic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Guida,M. and Kurth,J.

Genotyping the human phenol sulfotransferbase
Patent: US 6448003-A 74 10-SEP-2002;
Location/Qualifiers
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
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AR294453
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Sequence
AR254671
1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6188 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                  AR266454
Sequence 4 from patent US
AR266454
                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 21)
Sano, K.-i., Maeda, K. and Maeda, Y.
Method for producing polypeptides
Patent: US 6495132-A 4 17-DEC-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Dowling, P.W. and Youngner, J.S.
Cold-adapted equine influenza viruses
Patent: US 6482414-A 60 19-NOV-2002;
Location/Qualifiers
                                                                    Unknown
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                                                                              Unknown.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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1 (bases 1 to 21)

1 (bases 1 to 21)

Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 8873 25-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
                                                                                                                    1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 10601 25-MAR-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                            Sequence 10601 from patent AR298866
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AR297138
AR297138.1 GI:31684422
                                                                                                                                                                                                  Unknown.
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TGATTTGTTCTCTGACCTG 4168
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/mol_type="genomic DNA"
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/mol_type="genomic
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/mol_type="genomic DNA"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03;
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RESULT 3155

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AR299022
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          1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 11155 25-MAR-2003;
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10757 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10757 from patent AR299022
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10694 25-MAR-2003;
Location/Qualifiers
                                                                                                                                   Sequence 11155 from patent AR299420
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic |
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Pred. No. 2.3e+03;
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AR299789
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AR299780
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                                                                                                                                                               (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 11524 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 11515 25-MAR-2003;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic
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Pred. No. 2.3e+03;
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AR359796
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/mol_type="genomic
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3576 ССТАНТССТСКАСНАСТСС 3594
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1 (bases 1 to 21)
Presnell,S.R., Conklin,D.C., Novak,J.E.
Cytokine receptor zalphall
Patent: US 6576744-A 29 10-JUN-2003;
                         1 (bases 1 to 21)
Bennett,C.F. and Mirabelli,C.K.
Oligonucleotide inhibition of cell adhesion
Patent: US 6300491-A 36 09-CCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 21)
Chen.L.H. and Meade,H.
Modified MSP-1 nucleic acid sequences
MRNA levels and protein expression in
Patent: US 6593463-A 16 15-JUL-2003;
Location/Qualifiers
                                                                                                         Unclassified.
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16 from patent US 6593463.
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84.2%; Pred. No. 2.3e+03;
tive 0; Mismatches
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Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
 AR390644
                                                                                                                                                                                Methods of using zalphall ligand Patent: US 6605272-A 51 12-AUG-2003; Location/Qualifiers
                                                                                                                                                                                                                   1 (bases 1 to 21)
Novak, J.E., Presnell, S.R.,
Gross, J.A., Johnston, J.V.,
Hammond, A.K.
                                                                                                                                                                                                                                                                             Unknown
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/mol_type="genomic DNA"
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AR404361.1 GI:40152859
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Patent: US 6617110-A 514 09-SEP-2003;
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MOTIN,G.B. and Andrews,W.H.
Promoter for telomerase reverse trans
Patent: US 6610839-A 514 26-AUG-2003;
Location/Qualifiers
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           Patent: US 6627745-A 19 30-SEP-2003;
                                                                                          Unclassified.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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1 (bases 1 to 21)

Kastner, D.L., Aksentijevichh, I., Centola, M., Deng, Z., Sood, R.,

Collins, F.S., Blake, T., Liu, P.P., Fischel-Ghodsian, N.,

Gumucio, D.L., Richards, R.I., Ricke, D.O., Doggett, N.A. and Pras, M.

Pyrin gene and mutants thereof, which cause familial Mediterranean
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
Cells immortalized with telomerase reverse transcriptase for use
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AR404755
AR404755.1
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                                                                                                                                                Vider, B.Z.

A method for identifying and characterizing Patent: WO 9934016-A 58 08-JUL-1999; GENENA LTD (IL); VIDER BEN ZION (IL)
                                                                                                                                                                                                                                                                                       Sequence
AX020558
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                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                       Homo sapiens
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58 from Patent WO9934016.
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RESULT 3170

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AX082986/c
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AX023422
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                         Homo sapiens
                                                                                Sequence 45
AX094867
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Sequence 10 from Patent WO0112788
AX082986
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synthetic construct
artificial sequences.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                  AX094867.1
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Single nucleotide polymorphisms in genes Patent: WO 0118250-A 45 15-WAR-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Pharmaceuticals, Inc. (US)

Location/Qualifiers
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            Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 415 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
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                                                                                                                   Homo sapiens (human)
                                                                                                                                                                          Sequence 415 from Patent AX095237
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AX094959
                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pharmaceuticals,
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McCarthy,J.J.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                    Mccarthy, J.
                                                                ander, E.S., Gargill, M., Ireland, J.S., Bolk, S.,
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/db_xref="taxon:9606"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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AX095759/c
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RESULT 3176
AX095881
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Best Local Similarity
Matches 16; Conserv
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Sequence 937 from Patent
AX095759
                                                                                                                                            Single nucleotide polymorphisms in genes Patent: WO 0118250-A 1059 15-MAR-2001;
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                                                                                                                                                                                                                                                                                                                           Sequence 1059 from Patent AX095881
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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Score 14.2;
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2.3e+03;
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21;
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AX095937/c
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AX096253
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Patent: WO 0118250-A 1115 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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                                                                                                                                                                          Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1; Mismatches 4
                                                                              Score 14.2; DB 1;
Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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           AX096745
Sequence 1923 from Patent
AX096745
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Patent: WO 0118250-A 1634 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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Sequence 1634 from Patent
AX096456
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AX096745.1
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 2.3e+03
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Best Local Similarity 76.2%;
Matches 16; Conservative
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Sequence 2014 from Patent WO0118250.
AX096836
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Sequence 2214 from Patent
AX097036
AX097036.1 GI:13513304
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
Lander, E.S.,
                                                      Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Gargill, M.,
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Ireland, J.S., Bolk, S., Daley, G.Q.
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WO0118250.
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Catarrhini; Hominidae;
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                                            Euteleostomi;
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AX108294
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AX106716/c
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Sequence 158
AX108294
AX108294.1
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                                                      Fell,J.D., Diaz,M.D. and Mccabe,M.S. Method of identifying pathogenic cryptococci Patent: WO 0123616-A 158 05-APR-2001; Genetic Vectors Inc. (US); Fell, Jack (US) Location/Qualifiers
                                                                                                                                           synthetic construct synthetic construct artificial sequences.
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Human phosphodiesterase zcytor13
Patent: WO 012544-A B 12-APR-2001;
ZymoGenetics, Inc. (US)
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Sequence 8 from Patent WO0125444.
AX106716
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/mol_type="unassigned DN
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/organism="synthetic construct"
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/mal_type="unassigned DNA"
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/noTe="Oligonucleotide primer ZC5020"
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AX115543/c
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AX108396
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Sequence 260 from Patent
AX108396
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patent: WO 0129262-A 666 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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AX115543
AX115543.1 GI:14032485
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                                                                                                                                             /organism="synthetic construct"
/mol type="unassigned DNA"
/mb xref="rtaxon:32630"
/noce="primer"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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AX145995
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                          Homo sapiens (human)
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Sequence 2829 from Patent
AX117706
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                       AX146156.1
                                                                                   Sequence 347
AX146156
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Patent: WO 0134840-A 186 17-MAY-2001;
GLAXO GROUP LIMITED (GB); Affymetrix,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+03
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              Cargill,M., Ireland,J.S. and Lander,E.S.
Human single nucleotide polymorphisms
Patent: WO 0138576-A 323 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Location/Qualifiers
                                                                                                                                                                                               AX154225
Sequence 323 from Patent
AX154225
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 417 from Patent
AX146226
AX146226.1 GI:14284744
                                                                                                                                    Homo sapiens (human)
                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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80.0%; Pred. No. 2.3e+03;
tive 0; Mismatches 4;
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Pred. No. 2.3e+03;
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WO0134840.
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AX154356/c
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AX154444/c
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Matches 16; Conserv
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AX154444
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Human single nucleotide polymorphisms
Patent: WO 0138576-A 454 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          μ.
                                                                                                                                                                      Human single nucleotide polymorphisms Patent: WO 0138576-A 542 31-MAY-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
                                                                                                                                                                                                                                                               Homo sapiens (human)
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Mammalia; Eutheria; Primates;
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                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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Pred. No. 2.3e+03;
1; Mismatches 4
                                                  Score 14.2; DB 1;
Pred. No. 2.3e+03;
0; Mismatches 3
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Pred. No. 2.3e+03;
0; Mismatches 3;
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RESULT 3197
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AX201248/c
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Sequence 54 from Patent W00142457.
AX201229
                                Sequence 3 from Patent WO0152904.
AX203668
AX203668.1 GI:15393108
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AX201248
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Location/Qualifiers
synthetic construct synthetic construct
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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WO0142457.
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AX225020/c
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Sequence 15 from Patent
AX259217
AX259217.1 GI:16508463
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Sequence 30 from Patent WO0160849.
AX225020
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Patent: WO 0152904-A 3 26-JUL-2001;
Gill, Parkash, S. (US)
Location/Qualifiers
                                                 Hohn,T., Stavolone,L., de Haan,P.T., Ligon,l
Cestrum yellow leaf curling virus promoters
Patent: WO 0173087-A 15 04-OCT-2001;
Syngenta Participations AG (CH)
Location/Qualifiers
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Similarity 84.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
organism="synthetic construct"
/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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Pred. No. 2.3e+03
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Pred. No. 2.3e+03
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                                                                                                                                                                                                                                                                                   Homo sapiens (human)
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Sequence 32 from Patent WO0172822.
AX259805
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/note="oligonucleotide"
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Location/Qualifiers
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tive 0; Mismatches
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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RESULT 3204
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AX365163/c
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AX357857
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Best Local Similarity 84.2%;
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                     21 bp
Sequence 9 from Patent WO0210203.
AX375597
AX375597.1 GI:19170165
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AX365163
AX365163.1 GI:18696921
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Sequence 48 from Patent WO0181916.
AX357857
AX357857.1 GI:18674670
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synthetic construct
artificial sequences.
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Patent: WO 0200721-A 15 03-JAN-2002;
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and Maurer, M.F.
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synthetic construct
Homo sapiens (human)
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Location/Qualifiers
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                                                                                                                                                                                                                                                                 organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                    /note="Oligonucleotide primer ZC5020"
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/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
0; Mismatches 3;
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AX398006
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AX375601
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Sequence 18 from Patent W00220835.
AX398006.1 GI:21260855
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WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Location/Qualifiers
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                                                Patent: WO 0220835-A 18 14-MAR-2002; GLAXO GROUP LIMITED (GB)
                                                                                                                               synthetic construct
synthetic construct
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                                                                             Genetic
                                                                                        Xu, C.F. and Purvis, I.J
                                                                                                                artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 84.2%;
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 2.3e+03;
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Pred. No. 2.3e+03;
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AX404431/c
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/note="Probe"
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Polymorphisms in human genes of cardiovascular regulators
use in diagnostic and therapeutic applications
Patent: WO 0224747-A 257 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Patent: WO 0220835-A 28 14-MAR-2002;
GLAXO GROUP LIMITED (GB)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Seguence 375 from Patent
AX404549
AX404549.1 GI:21437830
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Polymorphisms in human genes of cardiovascular regulators
use in diagnostic and therapeutic applications
Patent: WO 0224747-A 306 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Sequence 306 from Patent
AX404480
AX404480.1 GI:21437761
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications Patent: WO 0224747-A 305 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
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Sequence 305 from Patent
AX404479
AX404479.1 GI:21437760
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX404550/c
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AX440526/c
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Best Local Similarity 80.0%;
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Germino,G.G., Watnick,T.J. and Phakdeekitcharoen,B. Detection and treatment of polycystic kidney disease Patent: WO 0206529-A 30 24-JAN-2002;
The Johns Hopkins University School of Medicine (US) Location/Qualifiers
                                                                                                                         synthetic construct
synthetic construct
artificial sequences.
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Polymorphisms in human genes of cardiovascular regulators
use in diagnostic and therapeutic applications
Patent: WO 0224747-A 376 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
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Sequence 376 from Patent WO0224747.
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 375 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/molatron="taxon:32630"
/mote="artificial sequence-n=c or
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/mol_type="unassigped DNA"
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                                                                                             Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neris, B.P., Reimer, N.D., Roeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 688 06-JUN-2002; THIRD WAVE TECHNOLOGIES, INC. (US)
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Ortho-Clinical Diagnostics, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                              synthetic
synthetic
                                                                                                                                                                                                                                                                                                      Sequence 688 from Patent AX598414
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llarity 84.2%;
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                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Artificial"
                                                                                                                                                                                                                                            construct
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/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
0; Mismatches 3;
 Score 14.2; DB 1;
Pred. No. 2.3e+03;
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                       823 GIGCGCCCTGCCATGIGGA 841
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                                                                                                                                                  Human telomerase catalytic subunit
Patent: EP 1333094-A 514 06-AUG-2003;
Geron Corporation (US); University Technology
Location/Qualifiers
                                                                                                                                                                                                     Cech, T.R., Lingner, J., Nakamura, T., Harley, C.B. and Andrews, W.H.
                                                                                                                                                                                                                                                           unidentified unidentified
                                                                                                                                                                                                                                                                                                              Sequence 514 from Patent AX810549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei; Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes; Labroidei; Cichlidae; Oreochromis.
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Oreochromis niloticus
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Verification of food origin based on nucleic
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                                                                                                 /organism="unidentified"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"
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Pred. No. 2.3e+03;
19
                                                           Score 14.2; DB 1
Pred. No. 2.3e+03
                                                Mismatches
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RESULT 3218

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BD008666/c
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TITLE
JOURNAL
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TITLE
JOURNAL
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Best Local Similarity
Matches 16; Conserv
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              Bource
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                                      Veerapanane, D., Hamanaka, S. and Nozawa, I.
Oligomers which inhibit expression of interleukin ger
Patent: JP 2001503620-A 3 21-MAR-2001;
HISAMITSU PHARMACEUTICAL CO INC
OS Unidentified
PN JP 2001503620-A/3
PD 21-MAR-2001
PF 29-AUG-1997 JP 1998520446
PR DANGE VEERAPANANE, SHOJI HAMANAKA, IWAO NOZAWA
PC COPH21/04, A61K39/00, A61K48/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT source

1. 21
/organism='Unidentified'.
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Secreted salivary ZSIG32 p
BD006581
BD006581,1 GI:18634952
JP 2001501834-A/20.
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OS Unidentified
PN JP 2001501834-
PD 13-FEB-2001
PF 18-MAR-1998 JF
PF 19-MAR-1997 US
PT PAUL O SHEPPAR
PC C12N15/12, C078
C12N15/11,
                                                                                                                                                                                                                                                                                                                                                                                                                                         19 GGAAGTTGCCACTCCAGTG 1
                                                                                                                                                                                                                                                                                                    BD008666 21 bp
Oligomers which inhibit expression
BD008666. BC:18637039
JP 2001503620-A/3.
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1 (bases 1 to 21)

Sheppard, P.O.
Secreted salivary ZSIG32 polypeptides
Patent: JP 2001501834-A 20 13-FEB-2001;
                                                                                                                                                                                                                                                                                         unidentified
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C12N15/12,C07K14/47,A61K38/17,C07K16/18,C12Q1/68,C12N15/62,
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19-MAR-1997 US 60/041263
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13-FEB-2001
                         /organism='Unidentified'
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/organism="unidentified"
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Pred. No. 2.3e+03;
0; Mismatches 3;
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DEFINITION
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RESULT 3220
BD011218
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
                                                                      RESULT 3221
BD014138/c
LOCUS
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Best Local S
Matches 16
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                             source
                                                                                                                                                                                                                                                  Local Similarity
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                                                                                                                                                                                              823 GTGCGCCCTGCCATGTGGA 841
                                                                                                                                                                                                                                                                                                                                                                                            Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
FT /organism='Uniden
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                                                                                                                                                                                                                                 16;
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G01N33/53,
PC G01N1
Probe for nucleic acid hybridization.
BD014138
BD014138.1 GI:22554467
JP 2001095590-A/4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PI C
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Sechi, T.R., Lingner, J., Nakamura, T., Chaj
Sechi, T.R., Lingner, J., Nakamura, T., Chaj
Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit
Patent: JP 2001081042-A 175 27-MAR-2001;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PR 01-OCT-1996 US 08/724643,18-APR-1997 US 08/84441
25-APR-1997 US 08/846011,06-MAY-1997 US 08/851843 PR
09-MAY-1997 US 08/854050,14-AUG-1997 US 08/911312 PR
14-AUG-1997 US 08/912951,14-AUG-1997 US 08/915503 PI
R SECHI,JOACHIM LINGNER,TORU NAKAMURA,KAREN B CHAPMAN, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JP 2001081042-A/175.
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                                                                        BD014138
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                                                                                                                                                                                                                                                                                                                                                                      source 1..21
/organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      C12Q1/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CALVIN B HARLEY, WILLIAM H ANDREWS
A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
C07K5/10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unidentified 
JP 2001081042-A/175
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                                                                                                                                                                                                                                     Conservative
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01-OCT-1996 US 08/7246
                                                                                                                                                                                                                                                                                                                                                                                                                                                  lopology: Linear;
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                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/db_xref="taxon:32644"
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B4.2%; Pred. No. 2.3e+03;
tive 0; Mismatches 3;
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Pred. No. 2.3e+03;
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RESULT 3222
BD081061
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KEYWORDS
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ORGANISM
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TITLE
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  AUTHORS
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                                                                                                                                                                                                                                                                                       Murphy, P.D., White, M.B., Rabin, M.B., Olson, S.J., Yosh:
Jackson, G.M., Eskandari, T., Schryer, B. and Park, M.
Coding sequence haplotypes of the human BrCA2 gene
Patent: JP 2001514887-A 69 18-SEP-2001;
ONCORMED INC
OS Unidentified
PN JP 2001514887-A/69
PD 18-SEP-2001
PF 14-AUG-1998 JP 2000509828
PR 15-AUG-1997 US 60/055784 07-NOW-1007
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              SCHRYER,

PI MICHAEL PARK

PC C12N15/09,A61K38/00,A61K39/395,A61K48/00,A61P35/00,C07K14/47,

PC C07K16/18,

PC C07K16/18,

PC C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/68//C12P21/02,C12P21/ PC 08,

PC C12N1/15,00,A61K37/02,C12N5/00

CC C11TR primer Location/Qualifiers

FH Key

FT source /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PF 08-AUG-2000 JP 2000240494
PR 10-JAN-1990 US 463022
PI MICHAEL S ADAIR
PC C12N15/09, C12Q1/68, G01N33/569, G01N33/576, C12N15/00 CC
Description of Artificial Sequence: Synthetic oligonucleotic N4-(6-aminocaproyl-2-aminoethyl) derivative of 5-methyl CC
                                                                                                                                                                                                                  12-NOV-1997 US 60/065367,01-MAY-1998 US 09/071715 PR
22-MAY-1998 US 09/084471
PI PATRICIA D MURPHY,MARCA B WHITE,MARK B RABIN,SHERI J OLSON,
MATTHEW YOSHIKAWA,GEOFFREY M JACKSON,TARA ESKANDARI,BRENDA PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BD081061.1 GI:22626664
JP 2001514887-A/69.
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                                                                                                                                                                                                                                                   JP 2001514887-A/69

18-SEP-2001

18-SEP-2001

18-AUG-1998 JP 2000509828

15-AUG-1997 US 60/055784,07-NOV-1997 US 60/064926 PR

DV-1997 US 60/065367,01-MAY-1998 US 09/071715 PR

AY-1998 US 09/084471
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Location/Qualifiers
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JP 2001095590-A/4
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/organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
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BD083698/c
LOCUS
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VERSION
KEYWORDS
SOURCE
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BD086341
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AUTHORS
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Best Local Similarity
Matches 16; Conserv
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; 1 (bases 1 to 21)
Singh,N.A., Leppert,M.F. and Charlier,C. KCNQ2 and KCNQ3-potassium channel genes mutated in k neonatal convulsion (BFNC) and other convulsions
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SHIN NAKAMURA, MAKOTO HIRANO, MASAHIRO UEDA
C12N15/09, C12Q1/68//(C12N15/09, C12R1:93), (C12Q1/68, C12R1:93),
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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0; Mismatches
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Pred. No. 2.3e+03;
0; Mismatches 3
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Patent: JP 2001521041-A 19 06-NOV-2001;

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RESULT 3225
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                                                                                                                                                                                                                                   Patent: WO 0073442-A 3 07-DEC-2000;
CHUGAI RESEARCH INSTITUTE FOR MOLECUL
TULIN, NOBUHISA ONODA
OS Artificial Sequence
PN WO 0073442-A/3
PD 07-DEC-2000
PF 31-MAY-2000 WO 2000JP003505
PF 31-MAY-2000 WO 2000JP003505
PR 01-JUN-1999 JP 99P 154365
PR 01-JUN-1999 JP 99P 154365
PR C122N15/12,C12N15/63,C12N5/10,C12
PC C12Q1/02
CC Description of Artificial Sequen
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OS Homo sapiens (human)
PN JP 2001521041-A/19
PD 06-NOV-2001
PF 23-OCT-1998 JP 2000517983
PF 24-OCT-1997 US 60/0631
PI NANDA A SINGH, MARK F LEPE
PC COTXL6/18, A01K67/027, A611
PC C12N5/10,
PC C12N5/00,
PC C12N15/00, C12P21/08, C12Q1
PC C12N15/00
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CC KCNQ2 and KCNQ3-potassiun
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Tulin, E.E. and Onoda, N.
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31-MAY-2000 WO 2000JP003505
01-JUN-1999 JP 99P 154365
EDGARDO E TULIN, NOBUHISA ONODA
C12N15/12,C12N15/63,C12N5/10,C12P21/02,C07K14/52,C07K14/715,
C12Q1/02
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C12N15/09,C12P21/08,C12Q1/02,C12Q1/68//(C12P21/08,C12R1:91),
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24-OCT-1997 US 60/063147
NANDA A SINGH, MARK F LEPPERT, CAROLE CHARLIER
COTKL6/18, A01K67/027, A61K48/00, A61P25/08, A61P43/00, C07K14/47,
                                Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                          /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                          Location/Qualifiers
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Pred. No. 2.3e+03
0; Mismatches
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Pred. No. 2.3e+03;
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BD102257
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artificial sequences.
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Tulin, E.E. and Onoda, N.
Novel cytokines
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                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 21)

Nagano, M., Ito, M., Sagehashi, Y., Hattori, H., Egashira, T., Yamashita, S. and Matsuzawa, Y.

Method of detecting risk factor for onset of arteriosclerosis Patent: WO 0171032-A 20 27-SEP-2001;

BML INC, MAKOTO NAGANO, MAYUMI ITO, YUKIKO SAGEHASHI, HIROAKI HATTORI, TORU EGASHIRA, SHIZUYA YAMASHITA, YUJI MATSUZAWA

OS HOMO Bapiens (human)

PN WO 0171032-A)20

PD 27-SEP-2001
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WO 0171032-A/20.
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CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WO 0073442-A/7
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31-MAY-2000 WO 2000JP003505
01-JUN-1999 JP 99P 154365
EDGARDO E TULIN, NOBUHISA ONODA
C12N15/12, C12N15/63, C12N5/10, C12P21/02, C07K14/52, C07K14/715,
C12Q1/02
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Artificial Sequence
WO 0073442-A/7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Description of Artificial Sequence: an artificially synthesized
             23-MAR-2001 WO 2001JP002327
24-MAR-2000 JP 00P 084264
MAKOTO NAGANO,MAYUMI ITO,YUKIKO SAGEHASHI,HIROAKI HATTORI,TORU
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+03;
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BD134574
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Method for assaying an enzyme perticipating in conjustifuric acid in human beings, and probe and kit the Patent: JP 2002085067-A 24 26-MAR-2002;

OTSIKA PHARMACEUTICAL FACTORY INC

OS Human SULTZA1 gene
PN JP 2002085067-A/24
PD 26-MAR-2002
PF 07-SEP-2000 JP 2000272229
PF MASCHIRO NISHIMURA,HIROSHI YAGUCHI,SHINSAKU NAIPPC C12N15/09,C12Q1/25,C12Q1/68,G01N21/64,G01N21/78
G01N33/566,
PC C12N15/00 assaying an enzyme perticipating in CC Method for assaying an enzyme perticipating in CC Method for
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BD173870
Novel protein .
BD173870
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Method for assaying an enzyme perticipating in conjugation with sulfuric acid in human beings, and probe and kit therefor FH Key
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MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA
C12N15/09,C12Q1/25,C12Q1/68,G01N21/64,G01N21/78,G01N33/53, PC
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Key Location/Qualifiers
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C12Q1/68,C12N15/12
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                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Human
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Pred. No. 2.3e+03;
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A method
                                                                                                                                                                                                                                                                      artificial sequences.

1 (bases 1 to 21)
Sano,K., Macda,K. and Macda,Y.
A method for producing polypeptides
Patent: JP 2002325579-A 4 12-NOV-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Novel protein and DNA thereof
Patent: WO 02062998-A 6 15-AUG-2002;
TAKEDA CHEMICAL INDUSTRIES LTD, ATSUSHI NAKANISHI, YOJI SAGIYA
OS Artificial Sequence
PN WO 02062998-A/6
PD 15-AUG-2002
                                                                                                                                                                                                                                                                                                                                                                   synthetic construct
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C12N15/12,C12N5/10,C12N1/15,C12N1/19,C12N1/21,C07K14/47,C07K16/
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Nakanishi, A. and Sagiya, Y.
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artificial sequences.
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WO 02062998-A/6.
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   Similarity
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C12N15/09,C12N7/00,C12P21/02//C12P21/02,C12R1:91),C12N15/00
A method for producing polypeptides
Key Location/Qualifiers
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Primer F1
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06-FEB-2001 JP 01P 030172,21-JUN-2001
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JP 2002325579-A/4
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/mol_type="genomic DNA"
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Pred. No. 2.3e+03
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KATSUKI TSURITANI
OS ARTIFICALIS See
PN WO 02103005-A,
PD 27-DEC-2002
PF 18-JUN-2002 WC
PR 18-JUN-2001 JI
PI MAKIKO SUWA, KI
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Guanosine triphosphate-binding protein coupled receptors
Patent: WO 02103005-A 12 27-DEC-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION LTD, MAKIKO
SUWA, KIYOSHI ASAI, YUTAKA AKIYAMA, HIROYUKI ABURATANI, KOJI ODA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               BD187259.1 GI:31879548 WO 02103005-A/12.
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Guanosine triphosphate-binding
BD187259
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left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
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Arabidopsis thaliana T-DNA flanking sequence,
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F.,
                                                  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
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Key
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MAKIKO SUWA, KIYOSHI ASAI, YUTAKA AKIYAMA, HIROYUKI ABURATANI,
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WO 02103005-A/12
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A01K67/027
                                 eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
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Submitted (23-0CT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Submitted (23-0CT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante'.htfp://www.genoplante.com and http://genoplante-info.infobbogen.fr).
                                                                                                                              4033 AACAAAATGTTATTTTAT 4051
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Lepiniec,L., Caboche,M. and Lecharny,A.
T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
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11 25.8 0.3 30 1 AAX4310 Huntington's disea yas 23.6 0.3 35 1 AAS64595 Nuclear acid detectors 25.8 0.3 35 1 AAX6450 Huntington's disea yas 23.4 0.3 35 1 AAX6450 Nuclear transition 33.3 1 AAX65568 Naccessers by AAX665568 Nac	50 0.7 50 1 ABZ03058 29 0.4 42 1 AATZ7160 28.2 0.4 39 1 ABZ01763 27.8 0.4 40 1 AAHZ03144 27.8 0.4 42 1 AATT78911 27.8 0.4 42 1 AAZT3912 27.8 0.4 42 1 AAZT3982 27.2 0.4 41 1 ABZ45913 27.2 0.4 41 1 ABZ45926 26.2 0.4 33 1 ABZ79926	Database: rng3.seq:* Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. SUMMARIES Result Query No. Score Match Length DB ID Description	Minimum DB seq length: 8 Maximum DB seq length: 50 Post-processing: Minimum Match 0% Maximum Match 100% Listing first 3471 summaries	Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 0.5 Searched: 3294 segs, 72473 residues Total number of hits satisfying chosen parameters: 6588	GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd. OM nucleic - nucleic search, using sw model Run on: October 14, 2004, 11:19:12; Search time 295 Seconds (without alignments) 3.674 Million cell updates/sec Title: US-10-007-078-3 Perfect score: 7478 Sequence: 1 actggcagctggccgggcgcacagtggcttctatttctaa 7478
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